

**ALLTEMP** 

ELECTRICAL PRODUCTS 2024



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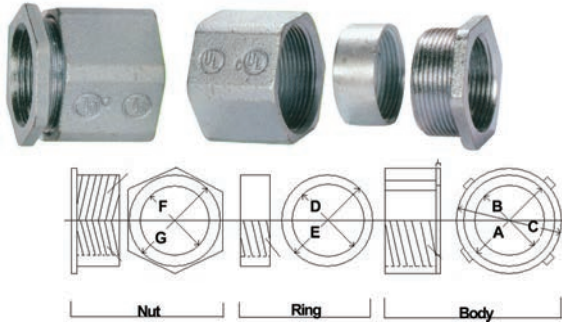
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## Malleable Rigid 3-Piece Couplings

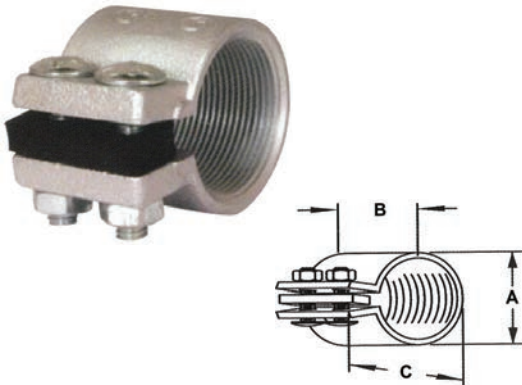
- Used to Join 2 lengths of Threaded Conduit when Neither Can Be Rotated
- Threaded (NPT) for Rigid Conduit and IMC
- Concrete Tight

Dimensions = Inches



| Cat. No. | Trade Size | Dimensions |      |      |      |      |      |      | Inner Box | Outer Box |
|----------|------------|------------|------|------|------|------|------|------|-----------|-----------|
|          |            | A          | B    | C    | D    | E    | F    | G    |           |           |
| 14440    | 1/2"       | 1.01       | .869 | 1.30 | .788 | .981 | .775 | 1.05 | 20        | 200       |
| 14441    | 3/4"       | 1.20       | 1.10 | 1.55 | .970 | 1.19 | .965 | 1.25 | 10        | 100       |
| 14442    | 1"         | 1.52       | 1.33 | 1.78 | 1.22 | 1.50 | 1.23 | 1.58 | 5         | 50        |
| 14443    | 1-1/4"     | 1.91       | 1.69 | 2.20 | 1.58 | 1.85 | 1.56 | 1.90 | 5         | 50        |
| 14444    | 1-1/2"     | 2.15       | 1.93 | 2.50 | 1.83 | 2.10 | 1.78 | 2.20 | 3         | 30        |
| 14445    | 2"         | 2.65       | 2.40 | 3.08 | 2.25 | 2.58 | 2.25 | 2.75 | -         | 20        |
| 14446    | 2-1/2"     | 3.20       | 2.90 | 3.75 | 2.70 | 3.10 | 2.70 | 3.31 | -         | 10        |
| 14447    | 3"         | 3.85       | 3.58 | 4.40 | 3.35 | 3.82 | 3.30 | 4.40 | -         | 5         |
| 14448    | 3-1/2"     | 4.09       | 4.05 | 5.04 | 4.10 | 4.15 | 4.00 | 4.90 | -         | 5         |
| 14449    | 4"         | 4.89       | 4.55 | 5.40 | 4.30 | 4.85 | 4.33 | 5.02 | -         | 2         |
| 14450    | 5"         | 5.89       | 5.55 | 6.75 | 5.43 | 5.84 | 5.43 | 5.93 | -         | 1         |
| 14451    | 6"         | 6.93       | 6.62 | 7.62 | 6.50 | 6.81 | 6.50 | 6.87 | -         | 1         |

## Malleable Rigid Split Couplings



- A Speed Union for Economically Joining 2 Threaded Rigid Metal Conduits
- A Neoprene Gasket provides a Concrete Tight Seal at the Joint
- Use where Conduit Runs are Closely Spaced; or Conduit is tight against Wall, Ceiling or other Obstruction
- Use where Conduits Cannot be Rotated

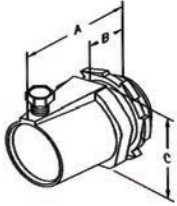
Dimensions = Inches

| Cat. No. | Trade Size | Dimensions |      |      | Inner Box | Outer Box |
|----------|------------|------------|------|------|-----------|-----------|
|          |            | A          | B    | C    |           |           |
| 14452    | 2"         | 2.75       | 2.04 | 3.30 | 5         | 25        |
| 14453    | 2-1/2"     | 3.20       | 2.98 | 4.23 | 2         | 10        |
| 14454    | 3"         | 3.85       | 3.14 | 4.85 | 2         | 10        |
| 14455    | 3-1/2"     | 4.48       | 3.26 | 5.36 | 1         | 5         |
| 14456    | 4"         | 4.83       | 3.34 | 6.07 | 1         | 5         |



### Malleable Rigid Set Screw Box Connector

- Connect Thread-less Rigid Conduit to boxes and enclosures
- Malleable Iron
- Concrete Tight
- Male Hub Thread (NPT)
- Zinc Finish



Dimensions = Inches

| Cat. No.     | Trade Size | Dimensions |      |      | Inner Box | Outer Box |
|--------------|------------|------------|------|------|-----------|-----------|
|              |            | A          | B    | C    |           |           |
| <b>14340</b> | 1/2"       | 1.30       | 0.75 | 1.10 | 25        | 250       |
| <b>14341</b> | 3/4"       | 1.40       | 0.91 | 1.33 | 25        | 250       |
| <b>14342</b> | 1"         | 1.54       | 0.96 | 1.61 | 25        | 100       |
| <b>14343</b> | 1-1/4"     | 1.97       | 1.30 | 1.95 | 5         | 50        |
| <b>14344</b> | 1-1/2"     | 2.09       | 1.40 | 2.18 | 5         | 50        |
| <b>14345</b> | 2"         | 2.32       | 1.57 | 2.67 | -         | 20        |

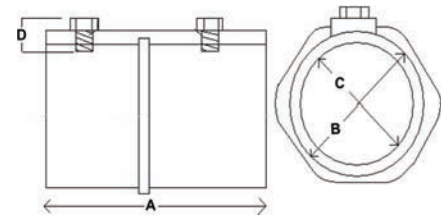


### Malleable Rigid Set Screw Couplings

- Couple Sections of Thread-less Rigid Conduit together
- Malleable Iron
- Concrete Tight
- Zinc Finish

Dimensions = Inches

| Cat. No.     | Trade Size | Dimensions |      |      |     | Inner Box | Outer Box |
|--------------|------------|------------|------|------|-----|-----------|-----------|
|              |            | B          | C    | D    |     |           |           |
| <b>14350</b> | 1/2"       | 1.46       | 1.10 | .86  | .63 | 25        | 250       |
| <b>14351</b> | 3/4"       | 1.40       | 1.33 | 1.05 | .63 | 25        | 250       |
| <b>14352</b> | 1"         | 1.93       | 1.61 | 1.36 | .63 | 10        | 100       |
| <b>14353</b> | 1-1/4"     | 1.97       | 1.95 | 1.69 | .63 | 5         | 50        |
| <b>14354</b> | 1-1/2"     | 2.09       | 2.18 | 1.90 | .63 | 5         | 50        |
| <b>14355</b> | 2"         | 2.32       | 2.67 | 2.40 | .63 | -         | 20        |
| <b>14356</b> | 2-1/2"     | 3.73       | 3.45 | 2.92 | .63 | -         | 12        |
| <b>14357</b> | 3"         | 4.10       | 3.95 | 3.52 | .63 | -         | 12        |
| <b>14358</b> | 3-1/2"     | 4.52       | 4.45 | 4.10 | .63 | -         | 6         |
| <b>14359</b> | 4"         | 5.62       | 5.01 | 4.52 | .63 | -         | 6         |

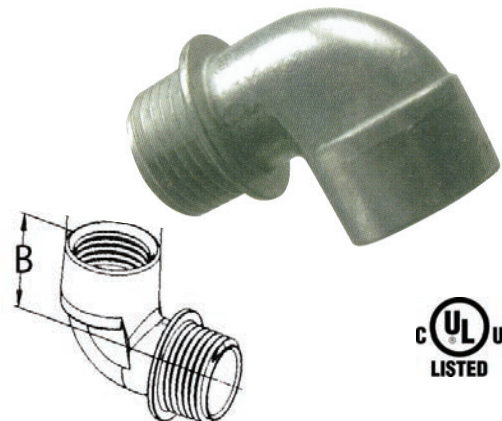


### Rigid Short Radius Elbows

Dimensions = Inches

| Cat. No.     | Trade Size | Dimensions |      | Inner Box | Outer Box |
|--------------|------------|------------|------|-----------|-----------|
|              |            | A          | B    |           |           |
| <b>14408</b> | 1/2"       | .95        | .95  | 25        | 250       |
| <b>14409</b> | 3/4"       | 1.16       | 1.00 | 15        | 150       |

- For Connecting Rigid Conduit or IMC to an Outlet Box in Tight Radius Applications
- Zinc Die Cast



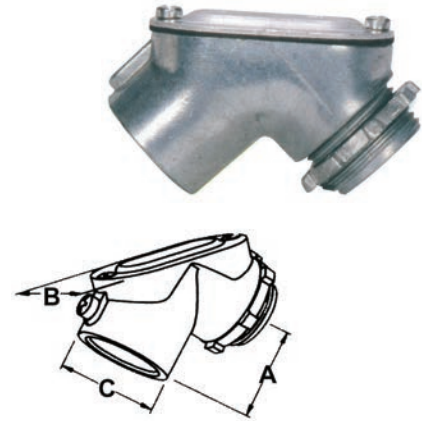
## Rigid to Box Pull Elbows - Zinc Die Cast

- For Connecting Threaded Rigid Conduit or IMC to Box or Enclosures to Form 90° bend
- Removable Cover allows easy access to Facilitate Wire Pulling
- Furnished with Neoprene Gasket and Cover
- Rain Tight



| Cat. No. | Trade Size | Dimensions |      |      | Outer Box |
|----------|------------|------------|------|------|-----------|
|          |            | A          | B    | C    |           |
| 14404    | 1/2"       | 1.34       | 1.03 | 0.97 | 100       |
| 14405    | 3/4"       | 1.40       | 1.30 | 1.19 | 50        |
| 14406    | 1"         | 1.97       | 1.55 | 1.51 | 30        |
| 14407    | 1-1/4"     | 2.32       | 1.90 | 1.91 | 20        |

Dimensions = Inches

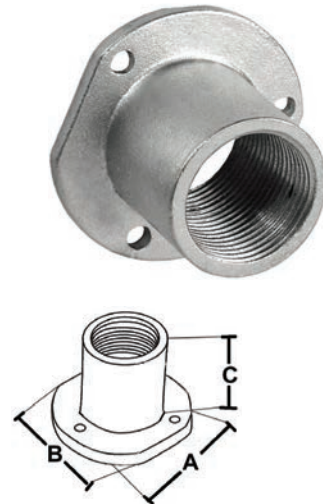


## Straight Malleable Concrete Slab Inserts For Threaded Rigid Conduit

- Allows In-Slab Ceiling Drops & Floor Mounts in Poured Concrete
- Provides Flush Threaded Conduit Hub for mounting, pulling, & future access to conduit systems
- Design allows In-Slab Conduit System Prefabrication
- Designed for Straight Through Conduit Runs and Mounting of Floor boxes in slabs over 6" thick

Dimensions = Inches

| Cat. No. | Trade Size | Dimensions |      |      | Outer Box |
|----------|------------|------------|------|------|-----------|
|          |            | A          | B    | C    |           |
| 14420    | 1/2"       | 1.50       | 1.75 | 1.25 | 20        |
| 14421    | 3/4"       | 2.72       | 2.00 | 1.75 | 20        |
| 14422    | 1"         | 2.50       | 3.25 | 1.50 | 10        |



## 90° Malleable Concrete Slab Inserts For Threaded Rigid Conduit

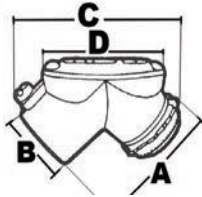
- Allows In-Slab Ceiling Drops & Floor Mounts in Poured Concrete
- Provides Flush Threaded Conduit Hub for mounting, pulling, and future access to conduit systems
- Allows In-Slab Conduit System Prefabrication - Flush Design
- Designed to Eliminate Bending of conduit in slabs over 4" thick
- Designed for 90° Bends Through Conduit Runs

Dimensions = Inches

| Cat. No. | Trade Size | Dimensions |      |      |      | Outer Box |
|----------|------------|------------|------|------|------|-----------|
|          |            | A          | B    | C    | D    |           |
| 14423    | 1/2"       | 1.50       | 1.75 | 3.12 | 3.62 | 20        |
| 14424    | 3/4"       | 2.75       | 2.00 | 3.06 | 3.68 | 20        |
| 14425    | 1"         | 2.50       | 3.75 | 2.93 | 3.68 | 10        |



### EMT/RIGID To BOX Combination Pulling Elbow - Zinc Die Cast



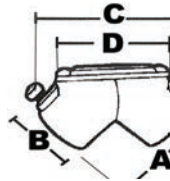
- Used to Connect a run of EMT, Threaded Rigid or IMC conduit to a Box at a 90° Bend
- Threaded and Set Screw Conduit Entrance
- Removable Aluminum Cover and Neoprene Gasket facilitates wire pulling
- Assembled with Zinc Die Cast Locknut
- Combo Head Set Screws



Dimensions = Inches

| Cat. No. | Trade Size | Dimensions |      |      |      | Inner Box | Outer Box |
|----------|------------|------------|------|------|------|-----------|-----------|
|          |            | A          | B    | C    | D    |           |           |
| 15040    | 1/2"       | 1.31       | 1.01 | 2.40 | 1.78 | 20        | 200       |
| 15041    | 3/4"       | 1.44       | 1.19 | 2.66 | 2.14 | 15        | 150       |
| 15042    | 1"         | 1.94       | 1.53 | 3.66 | 3.24 | 6         | 60        |

### EMT/RIGID To EMT/RIGID Combination Pulling Elbow - Zinc



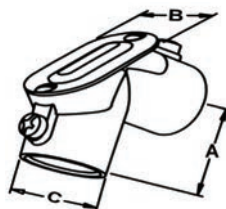
- Used to facilitate pulling conductors through a sharp bend in a run of EMT, Threaded Rigid or IMC conduit
- Threaded and Set Screw Conduit Entrance
- Removable Aluminum Cover and Neoprene Gasket facilitates wire pulling
- Combo Head Set Screws



Dimensions = Inches

| Cat. No. | Trade Size | Dimensions |      |      |      | Inner Box | Outer Box |
|----------|------------|------------|------|------|------|-----------|-----------|
|          |            | A          | B    | C    | D    |           |           |
| 15044    | 1/2"       | 1.37       | 1.01 | 2.63 | 1.78 | 20        | 200       |
| 15045    | 3/4"       | 1.43       | 1.23 | 2.73 | 2.14 | 15        | 150       |

### Rigid to Rigid Pull Elbows - Zinc Die Cast



- For use as a Wire Pulling Elbow to Facilitate Wire Pulling on a Sharp Bend in run of Threaded Rigid or IMC Conduit
- Removable Cover allows easy access to facilitate wire pulling
- Furnished with Neoprene Gasket and Cover
- Rain Tight



Dimensions = Inches

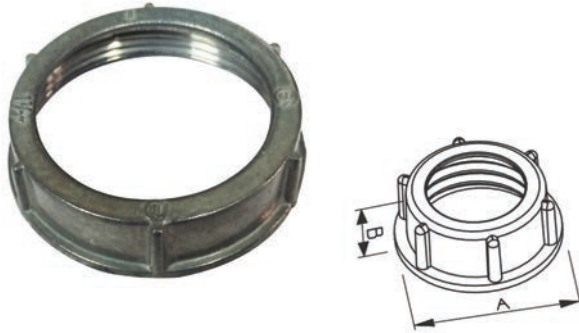
| Cat. No. | Trade Size | Dimensions |      |      | Outer Box |
|----------|------------|------------|------|------|-----------|
|          |            | A          | B    | C    |           |
| 14400    | 1/2"       | 1.31       | 1.03 | 0.99 | 100       |
| 14401    | 3/4"       | 1.39       | 1.30 | 1.26 | 50        |
| 14402    | 1"         | 1.96       | 1.55 | 1.52 | 30        |
| 14403    | 1-1/4"     | 2.32       | 1.90 | 1.91 | 20        |

**Conduit Bushings - Zinc Die Cast**

- Used with a locknut to terminate threaded Rigid and IMC conduit to a box or enclosure
- Bushings rounded surface prevents damage to wire insulation during pulling



Dimensions = Inches



| Cat. No. | Trade Size | Dimensions |      | Inner Box | Outer Box |
|----------|------------|------------|------|-----------|-----------|
|          |            | A          | B    |           |           |
| 14530    | 1/2"       | 1.06       | 0.41 | 140       | 1,400     |
| 14531    | 3/4"       | 1.28       | 0.41 | 100       | 1,000     |
| 14532    | 1"         | 1.54       | 0.50 | 50        | 500       |
| 14533    | 1-1/4"     | 1.89       | 0.54 | 30        | 300       |
| 14534    | 1-1/2"     | 2.12       | 0.62 | 20        | 200       |
| 14535    | 2"         | 2.64       | 0.51 | 15        | 150       |
| 14536    | 2-1/2"     | 3.23       | 0.62 | -         | 75        |
| 14537    | 3"         | 3.82       | 0.83 | -         | 65        |
| 14538    | 3-1/2"     | 4.95       | 0.85 | -         | 50        |
| 14539    | 4"         | 4.84       | 3.95 | -         | 40        |

**Conduit Bushings with Insulated Throat - Zinc Die Cast**



- Used with a locknut to terminate threaded Rigid and IMC conduit to a box or enclosure
- Bushings rounded surface prevents damage to wire insulation during pulling
- Insulated Throat

Dimensions = Inches



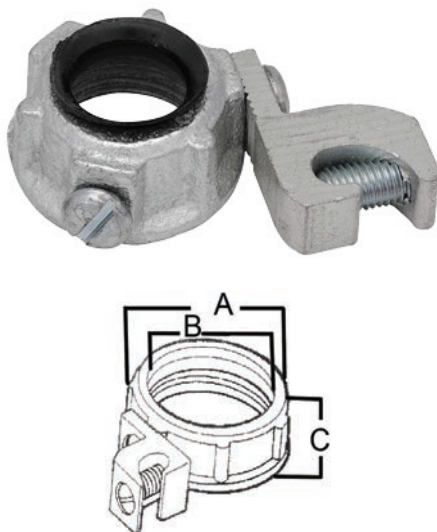
| Cat. No. | Trade Size | Dimensions |      | Inner Box | Outer Box |
|----------|------------|------------|------|-----------|-----------|
|          |            | A          | B    |           |           |
| 14540    | 1/2"       | 1.06       | 0.41 | 140       | 1,400     |
| 14541    | 3/4"       | 1.28       | 0.41 | 100       | 1,000     |
| 14542    | 1"         | 1.54       | 0.50 | 50        | 500       |
| 14543    | 1-1/4"     | 1.89       | 0.54 | 30        | 300       |
| 14544    | 1-1/2"     | 2.12       | 0.62 | 20        | 200       |
| 14545    | 2"         | 2.64       | 0.51 | 15        | 150       |
| 14546    | 2-1/2"     | 3.23       | 0.62 | -         | 75        |
| 14547    | 3"         | 3.82       | 0.83 | -         | 65        |
| 14548    | 3-1/2"     | 4.95       | 0.85 | -         | 50        |
| 14549    | 4"         | 4.84       | 3.91 | -         | 40        |

**Grounding Bushing Insulated Throat with Aluminum Lug - Zinc**



- Used with a locknut to terminate threaded Rigid & IMC conduit to a box or enclosure and to provide a smooth pulling surface
- Thermoplastic liner prevents damage to wire insulation
- Lug provides for bonding jumper to a neutral bus bar
- Resists corrosion, chemicals, and temperature extremes
- Set-screw provided with each fitting locks bushing in any desired position

Dimensions = Inches



| Cat. No. | Trade Size | Grounding Lug Range | Dimensions |      |      | Inner Box | Outer Box |
|----------|------------|---------------------|------------|------|------|-----------|-----------|
|          |            |                     | A          | B    | C    |           |           |
| 14570    | 1/2"       | #14 - #4            | 1.04       | 0.56 | 0.43 | 50        | 500       |
| 14571    | 3/4"       | #14 - #4            | 1.26       | 0.75 | 0.49 | 40        | 400       |
| 14572    | 1"         | #14 - #4            | 1.56       | 0.97 | 0.55 | 25        | 250       |
| 14574    | 1-1/4"     | #14 - #4            | 1.95       | 1.30 | 0.60 | 25        | 250       |
| 14576    | 1-1/2"     | #14 - #2            | 2.14       | 1.48 | 0.65 | 25        | 250       |
| 14578    | 2"         | #14 - #2            | 2.65       | 1.81 | 0.68 | 10        | 100       |
| 14579    | 2-1/2"     | #14 - #1/0          | 3.19       | 2.30 | 0.79 | 5         | 50        |
| 14581    | 3"         | #14 - #1/0          | 3.82       | 2.83 | 0.87 | 5         | 50        |
| 14583    | 3-1/2"     | #14 - #2/0          | 4.28       | 3.35 | 0.87 | 4         | 40        |
| 14585    | 4"         | #14 - #2/0          | 4.86       | 3.78 | 0.91 | 4         | 40        |

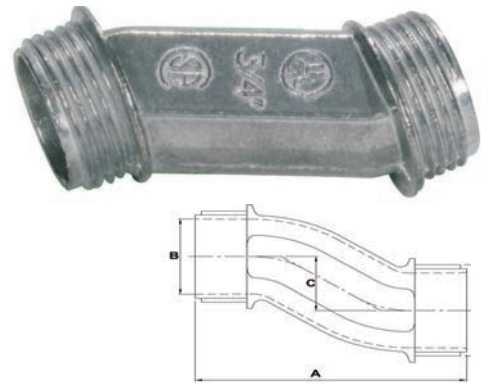


### Rigid Offset Nipples - Zinc Die Cast

- Use as an Offset Connector between Two Enclosures
- To Offset the Axis of Raceways 3/4"

| Cat. No. | Trade Size | Dimensions |      |     | Inner Box | Outer Box |
|----------|------------|------------|------|-----|-----------|-----------|
|          |            | A          | B    | C   |           |           |
| 14460    | 1/2"       | 2.42       | .59  | .75 | 35        | 350       |
| 14461    | 3/4"       | 2.42       | .78  | .75 | 20        | 200       |
| 14462    | 1"         | 2.58       | 1.00 | .75 | 15        | 150       |
| 14463    | 1-1/4"     | 2.83       | 1.32 | .75 | 5         | 50        |
| 14464    | 1-1/2"     | 2.87       | 1.53 | .75 | 5         | 50        |
| 14465    | 2"         | 3.11       | 1.99 | .75 | 3         | 30        |
| 14466    | 2-1/2"     | 4.13       | 2.35 | .75 | -         | 18        |
| 14467    | 3"         | 4.47       | 2.95 | .75 | -         | 15        |

Dimensions = Inches

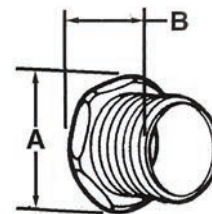


### 1" Long Conduit Speed Nipple - Zinc Die Cast

- Use with Rigid Coupling to Terminate Threaded Conduit to a Knockout, Box or Enclosure, where space is limited within the box
- Use with a Locknut to provide a Short Raceway between Boxes and enclosures

Dimensions = Inches

| Cat. No. | Trade Size | Dimensions |      | Inner Box | Outer Box |
|----------|------------|------------|------|-----------|-----------|
|          |            | A          | B    |           |           |
| 14503    | 3/4"       | 1.34       | 1.00 | 50        | 500       |
| 14504    | 1"         | 1.63       | 1.00 | 25        | 250       |

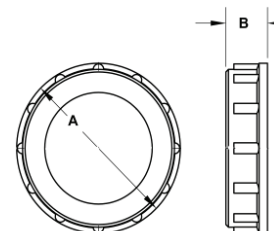


### Thermoplastic Conduit Bushings

- Use to Protect Conductors in Rigid or IMC Conduit from Abrasion/Damage during Pull
- Rounded surface of bushing prevents damage to wire insulation
- Thermoplastic material-heat, impact & torque resistant

Dimensions = Inches

| Cat. No. | Trade Size | Dimensions |      | Inner Box | Outer Box |
|----------|------------|------------|------|-----------|-----------|
|          |            | A          | B    |           |           |
| 21732    | 1/2"       | 1.06       | 0.43 | 100       | 1,000     |
| 21733    | 3/4"       | 1.31       | 0.43 | 100       | 1,000     |
| 21734    | 1"         | 1.59       | 0.48 | 50        | 500       |
| 21735    | 1-1/4"     | 1.96       | 0.56 | 25        | 250       |
| 21736    | 1-1/2"     | 2.18       | 0.56 | 25        | 250       |
| 21737    | 2"         | 2.68       | 0.59 | 20        | 200       |
| 21738    | 2-1/2"     | 3.25       | 0.72 | -         | 50        |
| 21739    | 3"         | 3.87       | 0.75 | -         | 25        |
| 21740    | 3-1/2"     | 4.37       | 0.77 | -         | 25        |
| 21741    | 4"         | 5.00       | 0.77 | -         | 10        |
| 21742    | 5"         | 6.25       | 1.00 | -         | 10        |
| 21743    | 6"         | 7.50       | 1.00 | -         | 10        |



Dimensions = Inches

**EMT Set Screw Connectors - Steel**



Dimensions = Inches

| Cat. No. | Trade Size | Dimensions |      | Inner Box | Outer Box |
|----------|------------|------------|------|-----------|-----------|
|          |            | A          | B    |           |           |
| 14880    | 1/2"       | .84        | 1.47 | 50        | 500       |
| 14881    | 3/4"       | 1.06       | 1.57 | 25        | 250       |
| 14882    | 1"         | 1.32       | 1.86 | 20        | 200       |
| 14883    | 1-1/4"     | 1.68       | 2.24 | -         | 25        |
| 14884    | 1-1/2"     | 1.91       | 2.24 | -         | 25        |
| 14885    | 2"         | 2.37       | 2.35 | -         | 20        |
| 14886    | 2-1/2"     | 3.14       | 2.89 | -         | 12        |
| 14887    | 3"         | 3.77       | 2.95 | -         | 12        |
| 14888    | 3-1/2"     | 4.28       | 3.23 | -         | 6         |
| 14889    | 4"         | 4.78       | 3.33 | -         | 6         |

- Use to Connect EMT Conduit to Steel Box, Load Center, or other Metal Enclosures
- Heavy Steel Walls
- Pre-Set/Pre-Staked Combo Head Set-Screws
- Male NPSM hub threads
- Concrete Tight (When Taped)
- UL Listed for EMT Conduit
- 2-1/2" - 4" are also for use with Rigid & IMC
- 2-1/2" - 4" Uses 2 Set Screws

**EMT Set Screw Connectors - Insulated Throat - Steel**

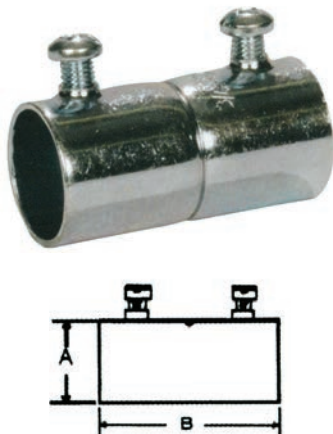


Dimensions = Inches

| Cat. No. | Trade Size | Dimensions |      | Inner Box | Outer Box |
|----------|------------|------------|------|-----------|-----------|
|          |            | A          | B    |           |           |
| 14890    | 1/2"       | .84        | 1.51 | 50        | 500       |
| 14891    | 3/4"       | 1.06       | 1.61 | 25        | 250       |
| 14892    | 1"         | 1.32       | 1.90 | 20        | 200       |
| 14893    | 1-1/4"     | 1.68       | 2.28 | -         | 25        |
| 14894    | 1-1/2"     | 1.91       | 2.28 | -         | 25        |
| 14895    | 2"         | 2.37       | 2.40 | -         | 20        |
| 14896    | 2-1/2"     | 3.14       | 2.95 | -         | 12        |
| 14897    | 3"         | 3.77       | 3.02 | -         | 12        |
| 14898    | 3-1/2"     | 4.28       | 3.29 | -         | 6         |
| 14899    | 4"         | 4.78       | 3.39 | -         | 6         |

- Use to Connect EMT Conduit to Steel Box, Load Center, or other Metal Enclosures
- Insulated Throat
- Heavy Steel Walls
- Pre-Set/Pre-Staked Combo Head Set-Screws
- Male NPSM hub threads
- Concrete Tight (When Taped)
- UL Listed for EMT Conduit
- 2-1/2" - 4" are also for use with Rigid & IMC
- 2-1/2" - 4" Uses 2 Set Screws

**EMT Set Screw Couplings - Steel**



Dimensions = Inches

| Cat. No. | Trade Size | Dimensions |      | Inner Box | Outer Box |
|----------|------------|------------|------|-----------|-----------|
|          |            | A          | B    |           |           |
| 14900    | 1/2"       | .84        | 1.59 | 50        | 500       |
| 14901    | 3/4"       | 1.06       | 1.80 | 25        | 250       |
| 14902    | 1"         | 1.32       | 2.04 | 10        | 100       |
| 14903    | 1-1/4"     | 1.68       | 2.76 | -         | 25        |
| 14904    | 1-1/2"     | 1.91       | 2.97 | -         | 25        |
| 14905    | 2"         | 2.37       | 3.22 | -         | 20        |
| 14906    | 2-1/2"     | 3.14       | 3.86 | -         | 12        |
| 14907    | 3"         | 3.77       | 4.23 | -         | 12        |
| 14908    | 3-1/2"     | 4.28       | 4.48 | -         | 6         |
| 14909    | 4"         | 4.78       | 4.72 | -         | 6         |

- Use to Join Two Lengths of EMT Conduit together
- Heavy Steel Walls
- Pre-Set/Pre-Staked Combo Head Set-Screws
- Concrete Tight (When Taped)
- UL Listed for EMT Conduit
- 2-1/2" - 4" are also for use with Rigid & IMC
- 2-1/2" - 4" Uses 4 Set Screws

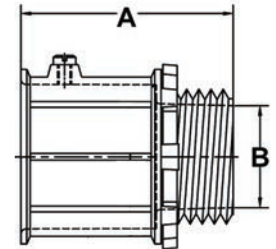
### EMT Set Screw Connectors - Zinc Die Cast

- Use to connect EMT Conduit to Steel Outlet Box, Load Center, or other Metal Enclosures
- Concrete Tight (When Taped)
- Die-Cast Zinc, Male hub threads NPS
- Pre-Set/Pre-Staked Combo Head Set Screws
- UL Listed for EMT Conduit
- 2-1/2" - 4" are also UL Listed for use with Rigid & IMC
- 2-1/2" - 4" Uses 2 Set Screws



Dimensions = Inches

| Cat. No. | Trade Size | Dimensions |      | Inner Box | Outer Box |
|----------|------------|------------|------|-----------|-----------|
|          |            | A          | B    |           |           |
| 14850    | 1/2"       | 1.16       | 0.93 | 50        | 500       |
| 14851    | 3/4"       | 1.38       | 1.17 | 25        | 250       |
| 14852    | 1"         | 1.50       | 1.42 | 25        | 200       |
| 14853    | 1-1/4"     | 1.97       | 1.82 | 10        | 100       |
| 14854    | 1-1/2"     | 2.26       | 2.07 | 10        | 60        |
| 14855    | 2"         | 2.56       | 2.52 | 5         | 40        |
| 14856    | 2-1/2"     | 3.09       | 3.30 | -         | 12        |
| 14857    | 3"         | 3.37       | 3.91 | -         | 12        |
| 14858    | 3-1/2"     | 3.52       | 3.43 | -         | 6         |
| 14859    | 4"         | 3.76       | 4.88 | -         | 6         |



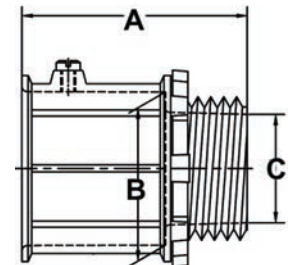
### EMT Set Screw Connectors - Insulated Throat - Zinc Die Cast

- Use to connect EMT Conduit to Steel Outlet Box, Load Center, or other Metal Enclosures
- Insulated Throat
- Concrete Tight (When Taped)
- Die-Cast Zinc, Male hub threads NPS
- Pre-Set/Pre-Staked Combo Head Set-Screws
- UL Listed for EMT Conduit
- 2-1/2" - 4" are also UL Listed for use with Rigid & IMC
- 2-1/2" - 4" Uses 2 Set Screws



Dimensions = Inches

| Cat. No. | Trade Size | Dimensions |      |      | Inner Box | Outer Box |
|----------|------------|------------|------|------|-----------|-----------|
|          |            | A          | B    | C    |           |           |
| 14860    | 1/2"       | 1.14       | .72  | .59  | 50        | 500       |
| 14861    | 3/4"       | 1.33       | .94  | .78  | 25        | 250       |
| 14862    | 1"         | 1.54       | 1.18 | 1.00 | 25        | 200       |
| 14863    | 1-1/4"     | 1.99       | 1.53 | 1.32 | 10        | 100       |
| 14864    | 1-1/2"     | 2.13       | 1.76 | 1.53 | 10        | 60        |
| 14865    | 2"         | 2.44       | 2.22 | 1.99 | 5         | 40        |
| 14866    | 2-1/2"     | 3.03       | 2.92 | 2.34 | -         | 12        |
| 14867    | 3"         | 3.22       | 3.55 | 2.88 | -         | 12        |
| 14868    | 3-1/2"     | 3.58       | 4.05 | 3.31 | -         | 6         |
| 14869    | 4"         | 3.72       | 4.55 | 3.86 | -         | 6         |



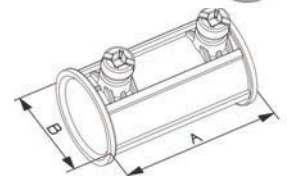
### EMT Set Screw Couplings - Zinc Die Cast

- Use to connect EMT Conduit to EMT Conduit
- Concrete Tight (When Taped)
- Die-Cast Zinc
- Pre-set/Pre-staked Combo Head Set-screws
- UL Listed for EMT Conduit
- 2-1/2" - 4" are also UL Listed for use with Rigid & IMC
- 2-1/2" - 4" Uses 4 Set Screws



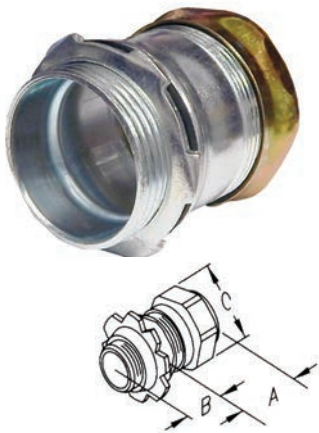
Dimensions = Inches

| Cat. No. | Trade Size | Dimensions |      | Inner Box | Outer Box |
|----------|------------|------------|------|-----------|-----------|
|          |            | A          | B    |           |           |
| 14870    | 1/2"       | 1.49       | 0.91 | 50        | 500       |
| 14871    | 3/4"       | 1.94       | 1.18 | 25        | 250       |
| 14872    | 1"         | 2.28       | 1.41 | 20        | 200       |
| 14873    | 1-1/4"     | 2.62       | 1.82 | 10        | 100       |
| 14874    | 1-1/2"     | 2.91       | 2.04 | 10        | 60        |
| 14875    | 2"         | 3.48       | 2.52 | 5         | 20        |
| 14876    | 2-1/2"     | 4.01       | 3.30 | -         | 12        |
| 14877    | 3"         | 4.46       | 3.91 | -         | 12        |
| 14878    | 3-1/2"     | 4.88       | 4.05 | -         | 6         |
| 14879    | 4"         | 5.25       | 4.91 | -         | 6         |



## Steel EMT Rain Tight Compression Connectors

Dimensions = Inches



| Cat. No. | Trade Size | Dimensions |     |      | Inner Box | Outer Box |
|----------|------------|------------|-----|------|-----------|-----------|
|          |            | A          | B   | C    |           |           |
| 14970    | 1/2"       | 1.14       | .51 | 1.08 | 50        | 500       |
| 14971    | 3/4"       | 1.42       | .51 | 1.35 | 25        | 250       |
| 14972    | 1"         | 1.58       | .57 | 1.65 | 10        | 100       |
| 14973    | 1-1/4"     | 1.60       | .61 | 2.02 | 10        | 100       |
| 14974    | 1-1/2"     | 1.93       | .63 | 2.24 | 10        | 50        |
| 14975    | 2"         | 2.23       | .67 | 2.80 | 5         | 50        |
| 14976    | 2-1/2"     | 2.80       | .83 | 3.60 | -         | 12        |
| 14977    | 3"         | 3.00       | .83 | 4.25 | -         | 12        |
| 14978    | 3-1/2"     | 3.35       | .83 | 4.80 | -         | 6         |
| 14979    | 4"         | 3.47       | .83 | 5.24 | -         | 6         |



- Use to connect EMT conduit to steel outlet box, load center, or other metal enclosure in a dry or wet location
- Internal Sealing Ring & Knockout Gasket create Raintight Seal
- Heavy Steel Walls, Zinc Plated
- Concrete Tight
- UL Listed for EMT Conduit
- 2-1/2" - 4" are also UL Listed for use with Rigid & IMC

## Steel EMT Rain Tight Compression Connectors-Insulated Throat

Dimensions = Inches



| Cat. No. | Trade Size | Dimensions |     |      | Inner Box | Outer Box |
|----------|------------|------------|-----|------|-----------|-----------|
|          |            | A          | B   | C    |           |           |
| 14980    | 1/2"       | 1.18       | .51 | 1.08 | 50        | 500       |
| 14981    | 3/4"       | 1.46       | .51 | 1.35 | 25        | 250       |
| 14982    | 1"         | 1.61       | .57 | 1.65 | 10        | 100       |
| 14983    | 1-1/4"     | 1.69       | .61 | 2.02 | 10        | 100       |
| 14984    | 1-1/2"     | 2.00       | .61 | 2.24 | 10        | 50        |
| 14985    | 2"         | 2.36       | .67 | 2.76 | 5         | 50        |
| 14986    | 2-1/2"     | 2.87       | .83 | 3.62 | -         | 12        |
| 14987    | 3"         | 3.07       | .83 | 4.25 | -         | 12        |
| 14988    | 3-1/2"     | 3.42       | .83 | 4.80 | -         | 6         |
| 14989    | 4"         | 3.54       | .83 | 5.24 | -         | 6         |



- Use to connect EMT conduit to steel outlet box, load center, or other metal enclosure in dry or wet location
- Internal Sealing Ring & Knockout Gasket create Raintight Seal
- Heavy Steel Walls, Zinc Plated
- Insulated throat
- Concrete Tight
- UL Listed for EMT Conduit
- 2-1/2" - 4" are also UL Listed for use with Rigid & IMC

## Steel EMT Compression Rain Tight Couplings

Dimensions = Inches



| Cat. No. | Trade Size | Dimensions |      | Inner Box | Outer Box |
|----------|------------|------------|------|-----------|-----------|
|          |            | A          | B    |           |           |
| 14990    | 1/2"       | 1.81       | 1.08 | 50        | 500       |
| 14991    | 3/4"       | 1.89       | 1.35 | 25        | 250       |
| 14992    | 1"         | 2.30       | 1.65 | 10        | 100       |
| 14993    | 1-1/4"     | 2.68       | 2.02 | 10        | 100       |
| 14994    | 1-1/2"     | 2.74       | 2.24 | 10        | 50        |
| 14995    | 2"         | 2.95       | 2.76 | 5         | 50        |
| 14996    | 2-1/2"     | 3.90       | 3.62 | -         | 12        |
| 14997    | 3"         | 4.11       | 4.25 | -         | 12        |
| 14998    | 3-1/2"     | 4.53       | 4.80 | -         | 6         |
| 14999    | 4"         | 4.65       | 5.24 | -         | 6         |



- Use to connect two lengths of EMT conduit together in a dry or wet location
- Internal Sealing Ring creates Rain Tight Seal
- Heavy Steel Walls, Zinc Plated
- Concrete Tight
- UL Listed for EMT Conduit
- 2-1/2" - 4" are also UL Listed for use with Rigid & IMC



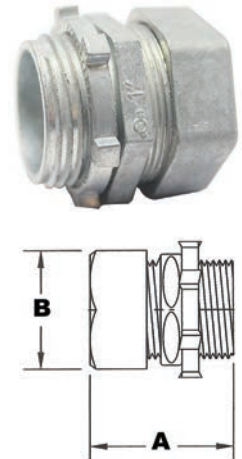
### EMT Compression Connectors - Zinc Die Cast

- To secure and terminate EMT to knockouts in concrete tight box, dry or damp location applications
- Male NPSM hub threads
- Concrete tight
- UL Listed for EMT Conduit
- 2-1/2" - 4" are also UL Listed for use with Rigid & IMC



Dimensions = Inches

| Cat. No. | Trade Size | Dimensions |      | Inner Box | Outer Box |
|----------|------------|------------|------|-----------|-----------|
|          |            | A          | B    |           |           |
| 14910    | 1/2"       | 1.26       | 0.97 | 50        | 500       |
| 14911    | 3/4"       | 1.21       | 1.26 | 25        | 250       |
| 14912    | 1"         | 1.58       | 1.52 | 15        | 150       |
| 14913    | 1-1/4"     | 1.62       | 1.91 | 10        | 100       |
| 14914    | 1-1/2"     | 1.87       | 2.28 | 10        | 40        |
| 14915    | 2"         | 2.146      | 2.61 | 5         | 20        |
| 14916    | 2-1/2"     | 2.54       | 3.37 | -         | 12        |
| 14917    | 3"         | 2.54       | 3.94 | -         | 12        |
| 14918    | 3-1/2"     | 2.60       | 4.45 | -         | 6         |
| 14919    | 4"         | 2.60       | 1.94 | -         | 6         |



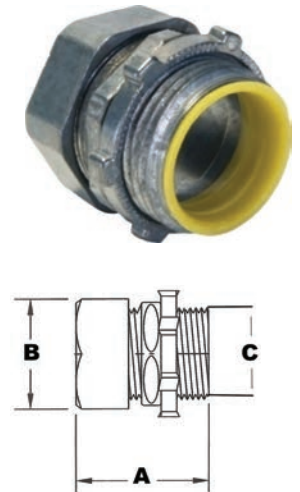
### EMT Compression Connectors - Insulated Throat - Zinc Die Cast

- To secure and terminate EMT to knockouts in concrete tight box, dry or damp location application
- Male NPSM hub threads
- Concrete tight
- UL Listed for EMT Conduit
- 2-1/2" - 4" are also UL Listed for use with Rigid & IMC



Dimensions = Inches

| Cat. No. | Trade Size | Dimensions |      |      | Inner Box | Outer Box |
|----------|------------|------------|------|------|-----------|-----------|
|          |            | A          | B    | C    |           |           |
| 14920    | 1/2"       | 1.32       | 0.97 | .59  | 50        | 500       |
| 14921    | 3/4"       | 1.27       | 1.26 | .78  | 25        | 250       |
| 14922    | 1"         | 1.64       | 1.52 | 1.00 | 15        | 150       |
| 14923    | 1-1/4"     | 1.70       | 1.91 | 1.32 | 10        | 100       |
| 14924    | 1-1/2"     | 1.95       | 2.28 | 1.53 | 10        | 40        |
| 14925    | 2"         | 2.23       | 2.61 | 1.99 | 5         | 20        |
| 14926    | 2-1/2"     | 2.62       | 3.37 | 2.35 | -         | 12        |
| 14927    | 3"         | 2.62       | 3.94 | 2.95 | -         | 12        |
| 14928    | 3-1/2"     | 2.68       | 4.45 | 3.43 | -         | 6         |
| 14929    | 4"         | 2.68       | 4.94 | 3.91 | -         | 6         |



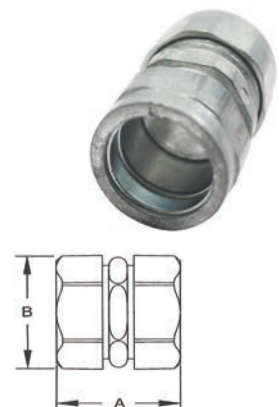
### EMT Compression Couplings - Zinc Die Cast

- To join lengths of EMT for concrete tight, dry or damp location applications
- Concrete tight
- UL Listed for EMT Conduit
- 2-1/2" - 4" are also UL Listed for use with Rigid & IMC

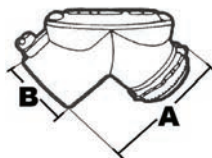


Dimensions = Inches

| Cat. No. | Trade Size | Dimensions |      | Inner Box | Outer Box |
|----------|------------|------------|------|-----------|-----------|
|          |            | A          | B    |           |           |
| 14930    | 1/2"       | 1.53       | 0.97 | 50        | 500       |
| 14931    | 3/4"       | 1.58       | 1.26 | 25        | 250       |
| 14932    | 1"         | 1.87       | 1.52 | 15        | 150       |
| 14933    | 1-1/4"     | 2.25       | 1.91 | 10        | 100       |
| 14934    | 1-1/2"     | 3.18       | 2.28 | 10        | 50        |
| 14935    | 2"         | 2.44       | 2.61 | 5         | 20        |
| 14936    | 2-1/2"     | 3.15       | 3.37 | -         | 12        |
| 14937    | 3"         | 3.15       | 3.94 | -         | 12        |
| 14938    | 3-1/2"     | 3.27       | 4.45 | -         | 6         |
| 14939    | 4"         | 3.27       | 4.94 | -         | 6         |



## EMT To BOX Set Screw Pulling Elbows - Zinc Die Cast



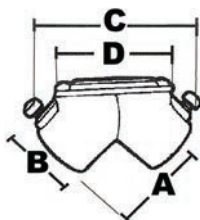
Dimensions = Inches

| Cat. No. | Trade Size | Dimensions |      | Outer Box |
|----------|------------|------------|------|-----------|
|          |            | A          | B    |           |
| 15030    | 1/2"       | 1.34       | .97  | 100       |
| 15031    | 3/4"       | 1.40       | 1.26 | 50        |
| 15032    | 1"         | 1.97       | 1.51 | 30        |
| 15033    | 1-1/4"     | 2.32       | 1.91 | 20        |

- Used to Connect EMT to a Metal Box/Enclosure at a 90° Bend
- Removable Aluminum Cover and Neoprene Gasket facilitates wire pulling
- Zinc Die Cast
- Assembled with Zinc Die Cast locknut
- Combo Head Set Screws



## EMT To EMT Set Screw Pulling Elbows - Zinc Die Cast



Dimensions = Inches

| Cat. No. | Trade Size | Dimensions |      |      |      | Outer Box |
|----------|------------|------------|------|------|------|-----------|
|          |            | A          | B    | C    | D    |           |
| 15035    | 1/2"       | 1.31       | 0.96 | 2.56 | 1.78 | 100       |
| 15036    | 3/4"       | 1.39       | 1.23 | 2.81 | 2.15 | 50        |
| 15037    | 1"         | 1.96       | 1.51 | 3.88 | 3.17 | 30        |
| 15038    | 1-1/4"     | 2.32       | 1.91 | 4.62 | 3.25 | 20        |

- Used to Connect EMT together at a 90° bend
- Zinc Die Cast
- Removable Aluminum Cover and Neoprene Gasket facilitates wire pulling
- Combo Head Set Screws

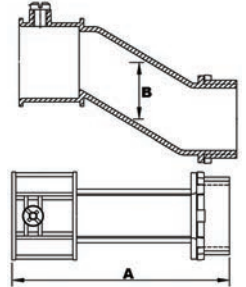


## EMT To Box Offset Set Screw Connector - Zinc Die Cast

- Use to connect EMT conduit to a Metal Box or Enclosure where Offset is Required
- Zinc Die-Cast
- Combo Head Set-Screw
- Assembled with Zinc Die Cast Locknut
- Concrete Tight (When Taped)

Dimensions = Inches

| Cat. No. | Trade Size | Dimensions |      | Inner Box | Outer Box |
|----------|------------|------------|------|-----------|-----------|
|          |            | A          | B    |           |           |
| 15010    | 1/2"       | 2.11       | .37  | 20        | 200       |
| 15011    | 3/4"       | 2.85       | .75  | 10        | 100       |
| 15012    | 1"         | 3.14       | 1.19 | -         | 100       |

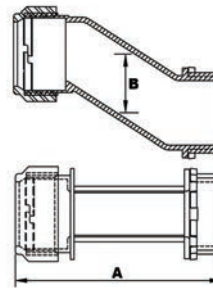


## EMT To Box Offset Compression Connector - Zinc Die Cast

Dimensions = Inches

| Cat. No. | Trade Size | Dimensions |     | Inner Box | Outer Box |
|----------|------------|------------|-----|-----------|-----------|
|          |            | A          | B   |           |           |
| 15014    | 1/2"       | 2.11       | .37 | 20        | 200       |
| 15015    | 3/4"       | 2.88       | .75 | 10        | 100       |

- Use to connect EMT conduit to a Metal Outlet Box or Enclosure where an Offset is Required
- Zinc Die-Cast
- Compression Style
- Assembled with Zinc Die Cast Locknut
- Concrete Tight (When Taped)

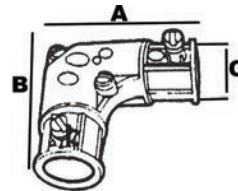


## EMT to EMT Inside Corner Set Screw Pulling Elbows

- Use to Connect EMT Conduit together on a 90° Inside Corner
- Combo Head Set Screws
- Zinc Die Cast

Dimensions = Inches

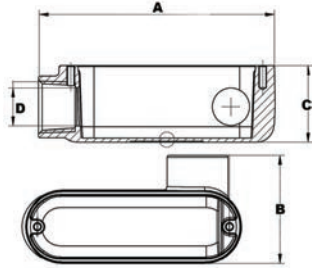
| Cat. No. | Trade Size | Dimensions |      |      | Inner Box | Outer Box |
|----------|------------|------------|------|------|-----------|-----------|
|          |            | A          | B    | C    |           |           |
| 15020    | 1/2"       | 2.32       | 2.32 | .59  | 10        | 100       |
| 15021    | 3/4"       | 2.64       | 2.64 | .78  | 5         | 50        |
| 15022    | 1"         | 2.94       | 2.94 | 1.19 | -         | 50        |



## Aluminum Rigid Conduit Bodies LR Type -Threaded



To Provide Access to Conductors for Pulling, Splicing, and Maintenance. Threaded for Rigid & IMC Conduit



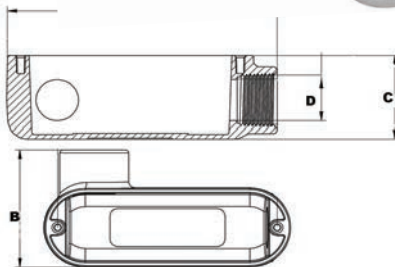
- Tapered Threaded Hubs (NPT)
- Rain-tight when used with Gasketed Covers
- Die-Cast from High-Strength, Corrosion and Weather Resistant, Copper Free Aluminum Alloy
- Flat Back Design for easy mounting close to walls

| Cat. No.                     | Trade Size | Dimensions-LR Series |      |      |      | Box Qty |
|------------------------------|------------|----------------------|------|------|------|---------|
|                              |            | A                    | B    | C    | D    |         |
| 14080                        | 1/2"       | 4.31                 | 2.03 | 1.36 | .61  | 50      |
| 14081                        | 3/4"       | 5.08                 | 2.30 | 1.63 | .81  | 50      |
| 14082                        | 1"         | 5.92                 | 2.68 | 1.89 | 1.04 | 25      |
| 14083                        | 1-1/4"     | 7.82                 | 3.52 | 2.50 | 1.37 | 10      |
| 14084                        | 1-1/2"     | 7.82                 | 3.52 | 2.50 | 1.60 | 10      |
| 14085                        | 2"         | 10.05                | 4.27 | 3.41 | 2.06 | 10      |
| 14086                        | 2-1/2"     | 12.83                | 5.89 | 3.98 | 2.46 | 1       |
| 14087                        | 3"         | 12.83                | 5.89 | 4.53 | 3.06 | 1       |
| 14088                        | 3-1/2"     | 15.65                | 7.66 | 5.59 | 3.54 | 1       |
| 14089                        | 4"         | 15.65                | 7.66 | 5.59 | 4.02 | 1       |
| <b>With Cover and Gasket</b> |            |                      |      |      |      |         |
| 14090                        | 1/2"       | 4.31                 | 2.03 | 1.36 | .61  | 50      |
| 14091                        | 3/4"       | 5.08                 | 2.30 | 1.63 | .81  | 50      |
| 14092                        | 1"         | 5.92                 | 2.68 | 1.89 | 1.04 | 25      |
| 14093                        | 1-1/4"     | 7.82                 | 3.52 | 2.50 | 1.37 | 10      |
| 14094                        | 1-1/2"     | 7.82                 | 3.52 | 2.50 | 1.60 | 10      |
| 14095                        | 2"         | 10.05                | 4.27 | 3.41 | 2.06 | 10      |
| 14096                        | 2-1/2"     | 12.83                | 5.89 | 3.98 | 2.46 | 1       |
| 14097                        | 3"         | 12.83                | 5.89 | 4.53 | 3.06 | 1       |
| 14098                        | 3-1/2"     | 15.65                | 7.66 | 5.59 | 3.54 | 1       |
| 14099                        | 4"         | 15.65                | 7.66 | 5.59 | 4.02 | 1       |

Dimensions = Inches

## Aluminum Rigid Conduit Bodies LL Type -Threaded

To Provide Access to Conductors for Pulling, Splicing, and Maintenance. Threaded for Rigid & IMC Conduit



- Tapered Threaded Hubs (NPT)
- Rain-tight when used with Gasketed Covers
- Die-Cast from High-Strength, Corrosion and Weather Resistant, Copper Free Aluminum Alloy
- Flat Back Design for easy mounting close to walls

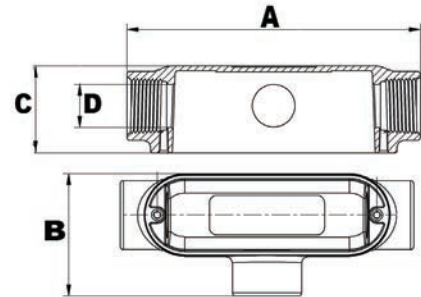
| Cat. No.                     | Trade Size | Dimensions-LL Series |      |      |      | Box Qty |
|------------------------------|------------|----------------------|------|------|------|---------|
|                              |            | A                    | B    | C    | D    |         |
| 14100                        | 1/2"       | 4.31                 | 2.03 | 1.36 | .61  | 50      |
| 14101                        | 3/4"       | 5.08                 | 2.30 | 1.63 | .81  | 50      |
| 14102                        | 1"         | 5.92                 | 2.68 | 1.89 | 1.04 | 25      |
| 14103                        | 1-1/4"     | 7.82                 | 3.52 | 2.50 | 1.37 | 10      |
| 14104                        | 1-1/2"     | 7.82                 | 3.52 | 2.50 | 1.60 | 10      |
| 14105                        | 2"         | 10.05                | 4.27 | 3.41 | 2.06 | 10      |
| 14106                        | 2-1/2"     | 12.83                | 5.89 | 3.98 | 2.46 | 1       |
| 14107                        | 3"         | 12.83                | 5.89 | 4.53 | 3.06 | 1       |
| 14108                        | 3-1/2"     | 15.65                | 7.66 | 5.59 | 3.54 | 1       |
| 14109                        | 4"         | 15.65                | 7.66 | 5.59 | 4.02 | 1       |
| <b>With Cover and Gasket</b> |            |                      |      |      |      |         |
| 14110                        | 1/2"       | 4.31                 | 2.03 | 1.36 | .61  | 50      |
| 14111                        | 3/4"       | 5.08                 | 2.30 | 1.63 | .81  | 50      |
| 14112                        | 1"         | 5.92                 | 2.68 | 1.89 | 1.04 | 25      |
| 14113                        | 1-1/4"     | 7.82                 | 3.52 | 2.50 | 1.37 | 10      |
| 14114                        | 1-1/2"     | 7.82                 | 3.52 | 2.50 | 1.60 | 10      |
| 14115                        | 2"         | 10.05                | 4.27 | 3.41 | 2.06 | 10      |
| 14116                        | 2-1/2"     | 12.83                | 5.89 | 3.98 | 2.46 | 1       |
| 14117                        | 3"         | 12.83                | 5.89 | 4.53 | 3.06 | 1       |
| 14118                        | 3-1/2"     | 15.65                | 7.66 | 5.59 | 3.54 | 1       |
| 14119                        | 4"         | 15.65                | 7.66 | 5.59 | 4.02 | 1       |

### Aluminum Rigid Conduit Bodies T Type - Threaded

To Provide Access to Conductors for Pulling, Splicing, and Maintenance. Threaded for Rigid & IMC Conduit

| Cat. No.                     | Trade Size | Dimensions-T Series |      |      |      | Box Qty |
|------------------------------|------------|---------------------|------|------|------|---------|
|                              |            | A                   | B    | C    | D    |         |
| 14060                        | 1/2"       | 4.72                | 2.03 | 1.36 | .61  | 50      |
| 14061                        | 3/4"       | 5.51                | 2.30 | 1.63 | .81  | 50      |
| 14062                        | 1"         | 6.46                | 2.68 | 1.89 | 1.04 | 25      |
| 14063                        | 1-1/4"     | 8.35                | 3.52 | 2.50 | 1.37 | 10      |
| 14064                        | 1-1/2"     | 8.35                | 3.52 | 2.50 | 1.60 | 10      |
| 14065                        | 2"         | 10.55               | 4.27 | 3.41 | 2.06 | 10      |
| 14066                        | 2-1/2"     | 13.46               | 5.89 | 3.98 | 2.46 | 1       |
| 14067                        | 3"         | 13.46               | 5.89 | 4.53 | 3.06 | 1       |
| 14068                        | 3-1/2"     | 16.30               | 7.66 | 5.60 | 3.54 | 1       |
| 14069                        | 4"         | 16.30               | 7.66 | 5.60 | 4.02 | 1       |
| <b>With Cover and Gasket</b> |            |                     |      |      |      |         |
| 14070                        | 1/2"       | 4.72                | 2.03 | 1.36 | .61  | 50      |
| 14071                        | 3/4"       | 5.51                | 2.30 | 1.63 | .81  | 50      |
| 14072                        | 1"         | 6.46                | 2.68 | 1.89 | 1.04 | 10      |
| 14073                        | 1-1/4"     | 8.35                | 3.52 | 2.50 | 1.37 | 10      |
| 14074                        | 1-1/2"     | 8.35                | 3.52 | 2.50 | 1.60 | 10      |
| 14075                        | 2"         | 10.55               | 4.27 | 3.41 | 2.06 | 10      |
| 14076                        | 2-1/2"     | 13.46               | 5.89 | 3.98 | 2.46 | 1       |
| 14077                        | 3"         | 13.46               | 5.89 | 4.53 | 3.06 | 1       |
| 14078                        | 3-1/2"     | 16.30               | 7.66 | 5.60 | 3.54 | 1       |
| 14079                        | 4"         | 16.30               | 7.66 | 5.60 | 4.02 | 1       |

Dimensions = Inches



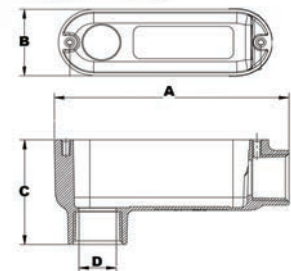
- Tapered Threaded Hubs (NPT)
- Rain-tight when used with Gasketed Covers
- Die-Cast from High-Strength, Corrosion and Weather Resistant Copper Free Aluminum Alloy
- Flat Back Design for easy mounting close to walls



### Aluminum Rigid Conduit Bodies LB Type - Threaded

To Provide Access to Conductors for Pulling, Splicing, and Maintenance. Threaded for Rigid & IMC Conduit

| Cat. No.                     | Trade Size | Dimensions-LB Series |      |      |      | Box Qty |
|------------------------------|------------|----------------------|------|------|------|---------|
|                              |            | A                    | B    | C    | D    |         |
| 14040                        | 1/2"       | 4.31                 | 1.34 | 2.09 | .61  | 50      |
| 14041                        | 3/4"       | 5.08                 | 1.56 | 2.39 | .81  | 50      |
| 14042                        | 1"         | 5.92                 | 1.82 | 2.78 | 1.04 | 25      |
| 14043                        | 1-1/4"     | 7.82                 | 2.51 | 3.52 | 1.37 | 10      |
| 14044                        | 1-1/2"     | 7.82                 | 2.51 | 3.52 | 1.60 | 10      |
| 14045                        | 2"         | 10.05                | 3.19 | 4.51 | 2.06 | 10      |
| 14046                        | 2-1/2"     | 12.83                | 4.49 | 5.31 | 2.46 | 1       |
| 14047                        | 3"         | 12.83                | 4.49 | 5.91 | 3.06 | 1       |
| 14048                        | 3-1/2"     | 15.65                | 5.55 | 7.09 | 3.54 | 1       |
| 14049                        | 4"         | 15.65                | 5.55 | 7.09 | 4.02 | 1       |
| <b>With Cover and Gasket</b> |            |                      |      |      |      |         |
| 14050                        | 1/2"       | 4.31                 | 1.34 | 2.09 | .61  | 50      |
| 14051                        | 3/4"       | 5.08                 | 1.56 | 2.39 | .81  | 50      |
| 14052                        | 1"         | 5.92                 | 1.82 | 2.78 | 1.04 | 25      |
| 14053                        | 1-1/4"     | 7.82                 | 2.51 | 3.52 | 1.37 | 10      |
| 14054                        | 1-1/2"     | 7.82                 | 2.51 | 3.52 | 1.60 | 10      |
| 14055                        | 2"         | 10.05                | 3.19 | 4.51 | 2.06 | 10      |
| 14056                        | 2-1/2"     | 12.83                | 4.49 | 5.31 | 2.46 | 1       |
| 14057                        | 3"         | 12.83                | 4.49 | 5.91 | 3.06 | 1       |
| 14058                        | 3-1/2"     | 15.65                | 5.55 | 7.09 | 3.54 | 1       |
| 14059                        | 4"         | 15.65                | 5.55 | 7.09 | 4.02 | 1       |

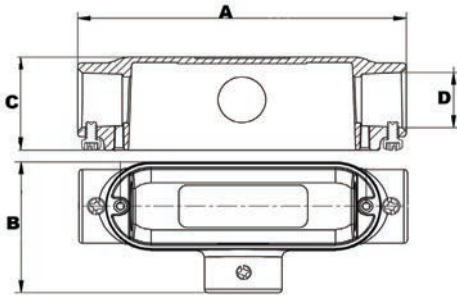


- Tapered Threaded Hubs (NPT)
- Rain-tight when used with Gasketed Covers
- Die-Cast from High-Strength, Corrosion and Weather Resistant Copper Free Aluminum Alloy
- Flat Back Design for easy mounting close to walls





## Aluminum EMT Set Screw Conduit Bodies T Type



- Set Screw for EMT Conduit
- Rain-tight when used with Gasketed Covers
- Die-Cast from High-Strength, Corrosion and Weather Resistant Copper Free Aluminum Alloy
- Flat Back Design for easy mounting close to walls

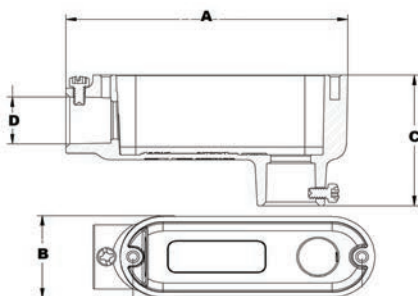
To Provide Access to Conductors for Pulling, Splicing, and Maintenance. For EMT Conduit

| Cat. No.                     | Trade Size | Dimensions-T Series |      |      |      | Box Qty |
|------------------------------|------------|---------------------|------|------|------|---------|
|                              |            | A                   | B    | C    | D    |         |
| <b>14160</b>                 | 1/2"       | 4.75                | 2.03 | 1.36 | .72  | 50      |
| <b>14161</b>                 | 3/4"       | 5.51                | 2.30 | 1.63 | .96  | 50      |
| <b>14162</b>                 | 1"         | 6.46                | 2.68 | 1.89 | 1.18 | 25      |
| <b>14163</b>                 | 1-1/4"     | 8.35                | 3.52 | 2.50 | 1.53 | 10      |
| <b>14164</b>                 | 1-1/2"     | 8.36                | 3.52 | 2.50 | 1.76 | 10      |
| <b>14165</b>                 | 2"         | 10.55               | 4.27 | 3.41 | 2.21 | 10      |
| <b>With Cover and Gasket</b> |            |                     |      |      |      |         |
| <b>14170</b>                 | 1/2"       | 4.75                | 2.03 | 1.36 | .72  | 50      |
| <b>14171</b>                 | 3/4"       | 5.51                | 2.30 | 1.63 | .96  | 50      |
| <b>14172</b>                 | 1"         | 6.46                | 2.68 | 1.89 | 1.18 | 25      |
| <b>14173</b>                 | 1-1/4"     | 8.35                | 3.52 | 2.50 | 1.53 | 10      |
| <b>14174</b>                 | 1-1/2"     | 8.36                | 3.52 | 2.50 | 1.76 | 10      |
| <b>14175</b>                 | 2"         | 10.55               | 4.27 | 3.41 | 2.21 | 10      |

Dimensions = Inches



## Aluminum EMT Set Screw Conduit Bodies LB Type



- Set Screw for EMT Conduit
- Rain-tight when used with Gasketed Covers
- Die-Cast from High-Strength, Corrosion and Weather Resistant Copper Free Aluminum Alloy
- Flat Back Design for easy mounting close to walls

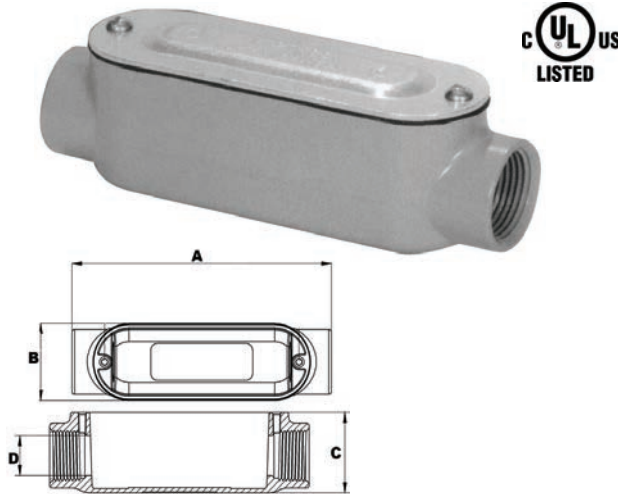
To Provide Access to Conductors for Pulling, Splicing, and Maintenance. For EMT Conduit

| Cat. No.                     | Trade Size | Dimensions-LB Series |      |      |      | Box Qty |
|------------------------------|------------|----------------------|------|------|------|---------|
|                              |            | A                    | B    | C    | D    |         |
| <b>14140</b>                 | 1/2"       | 4.31                 | 1.34 | 2.09 | .72  | 50      |
| <b>14141</b>                 | 3/4"       | 5.08                 | 1.56 | 2.39 | .96  | 50      |
| <b>14142</b>                 | 1"         | 5.92                 | 1.82 | 2.78 | 1.18 | 25      |
| <b>14143</b>                 | 1-1/4"     | 7.82                 | 2.51 | 3.52 | 1.53 | 10      |
| <b>14144</b>                 | 1-1/2"     | 7.82                 | 2.51 | 3.52 | 1.76 | 10      |
| <b>14145</b>                 | 2"         | 10.05                | 3.19 | 4.51 | 2.21 | 10      |
| <b>With Cover and Gasket</b> |            |                      |      |      |      |         |
| <b>14150</b>                 | 1/2"       | 4.31                 | 1.34 | 2.09 | .72  | 50      |
| <b>14151</b>                 | 3/4"       | 5.08                 | 1.56 | 2.39 | .96  | 50      |
| <b>14152</b>                 | 1"         | 5.92                 | 1.82 | 2.78 | 1.18 | 25      |
| <b>14153</b>                 | 1-1/4"     | 7.82                 | 2.51 | 3.52 | 1.53 | 10      |
| <b>14154</b>                 | 1-1/2"     | 7.82                 | 2.51 | 3.52 | 1.76 | 10      |
| <b>14155</b>                 | 2"         | 10.05                | 3.19 | 4.51 | 2.21 | 10      |

Dimensions = Inches



### Aluminum Rigid Conduit Bodies C Type-Threaded



- Tapered Threaded Hubs (NPT)
- Rain-tight when used with Gasketed Covers
- Die-Cast from High-Strength, Corrosion and Weather Resistant Copper Free Aluminum Alloy
- Flat Back Design for easy mounting close to walls

To Provide Access to Conductors for Pulling, Splicing, and Maintenance. Threaded for Rigid & IMC Conduit

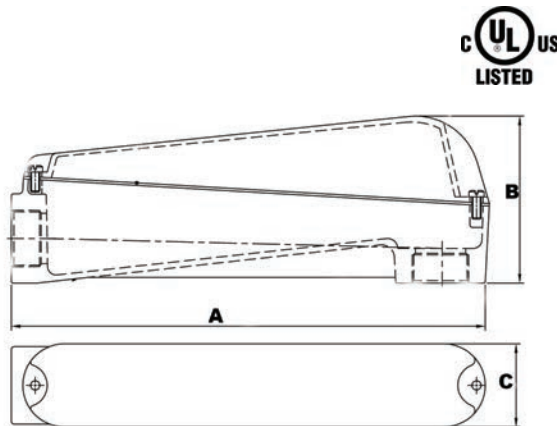
| Cat. No. | Trade Size | Dimensions-C Series |      |      |      | Box Qty |
|----------|------------|---------------------|------|------|------|---------|
|          |            | A                   | B    | C    | D    |         |
| 14120    | 1/2"       | 4.72                | 1.34 | 1.36 | .61  | 50      |
| 14121    | 3/4"       | 5.51                | 1.56 | 1.63 | .81  | 50      |
| 14122    | 1"         | 6.46                | 1.82 | 1.89 | 1.04 | 25      |
| 14123    | 1-1/4"     | 8.35                | 2.51 | 2.50 | 1.37 | 10      |
| 14124    | 1-1/2"     | 8.35                | 2.51 | 2.50 | 1.60 | 10      |
| 14125    | 2"         | 10.55               | 3.19 | 3.41 | 2.06 | 10      |
| 14126    | 2-1/2"     | 13.46               | 4.49 | 3.98 | 2.46 | 1       |
| 14127    | 3"         | 13.46               | 4.49 | 4.53 | 3.06 | 1       |
| 14128    | 3-1/2"     | 16.30               | 5.55 | 5.59 | 3.54 | 1       |
| 14129    | 4"         | 16.30               | 5.55 | 5.59 | 4.02 | 1       |

#### With Cover and Gasket

|       |        |       |      |      |      |    |
|-------|--------|-------|------|------|------|----|
| 14130 | 1/2"   | 4.72  | 1.34 | 1.36 | .61  | 50 |
| 14131 | 3/4"   | 5.51  | 1.56 | 1.63 | .81  | 50 |
| 14132 | 1"     | 6.46  | 1.82 | 1.89 | 1.04 | 10 |
| 14133 | 1-1/4" | 8.35  | 2.51 | 2.50 | 1.37 | 10 |
| 14134 | 1-1/2" | 8.35  | 2.51 | 2.50 | 1.60 | 10 |
| 14135 | 2"     | 10.55 | 3.19 | 3.41 | 2.06 | 10 |
| 14136 | 2-1/2" | 13.46 | 4.49 | 3.98 | 2.46 | 1  |
| 14137 | 3"     | 13.46 | 4.49 | 4.53 | 3.06 | 1  |
| 14138 | 3-1/2" | 16.30 | 5.55 | 5.59 | 3.54 | 1  |
| 14139 | 4"     | 16.30 | 5.55 | 5.59 | 4.02 | 1  |

Dimensions = Inches

### Aluminum Mogul Conduit Bodies with Cover & Gasket



With Cover & Gasket

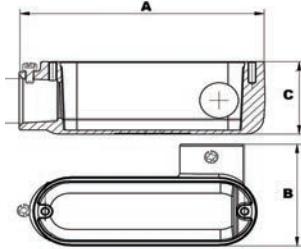
Dimensions = Inches

| Cat. No. | Trade Size | Dimensions |      |      | Wire Size   | Box Qty |
|----------|------------|------------|------|------|-------------|---------|
|          |            | A          | B    | C    |             |         |
| 14300    | 1-1/4"     | 9.65       | 3.54 | 2.50 | 3 #1/0 AWG  | 2       |
| 14301    | 1-1/2"     | 14.53      | 5.41 | 3.13 | 3 #3/0 AWG  | 1       |
| 14302    | 2"         | 14.53      | 5.41 | 3.13 | 3 #300 MCM  | 1       |
| 14303    | 2-1/2"     | 22.01      | 7.54 | 4.53 | 3 #400 MCM  | 1       |
| 14304    | 3"         | 22.01      | 7.54 | 4.53 | 3 #700 MCM  | 1       |
| 14306    | 4"         | 28.84      | 8.94 | 5.51 | 3 #1000 MCM | 1       |



- Larger body size facilitates pulling of large and heavy conductors
- Specially designed raised cast covers provide additional wiring area
- Moguls are used for pulling straight, 45° or 90° angle turns and/or making taps and splices
- Smooth, rounded integral bushing in each hub protects conductor insulation
- Accurately tapped, tapered threads for tight, rigid joints and ground continuity
- Covers have captive stainless steel screws to speed installation, prevent 'freezing' of screws
- Includes cellulose/rubber Flex Sealing Gasket
- Length Requirement: distance between centerline of each hub bushing (conduit stop) exceeds six times the trade diameter of the conduit

## Aluminum EMT Set Screw Conduit Bodies LR Type



- Set Screw for EMT Conduit
- Rain-tight when used with Gasketed Covers
- Die-Cast from High-Strength, Corrosion and Weather Resistant Copper Free Aluminum Alloy
- Flat Back Design for easy mounting close to walls

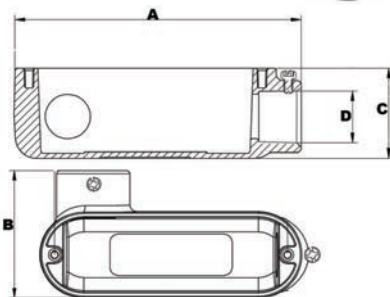
To Provide Access to Conductors for Pulling, Splicing, and Maintenance. For EMT Conduit

| Cat. No.                     | Trade Size | Dimensions-LR Series |      |      |      | Box Qty |
|------------------------------|------------|----------------------|------|------|------|---------|
|                              |            | A                    | B    | C    | D    |         |
| <b>14180</b>                 | 1/2"       | 4.31                 | 2.03 | 1.36 | .72  | 50      |
| <b>14181</b>                 | 3/4"       | 5.08                 | 2.30 | 1.63 | .96  | 50      |
| <b>14182</b>                 | 1"         | 5.92                 | 2.68 | 1.89 | 1.18 | 25      |
| <b>14183</b>                 | 1-1/4"     | 7.82                 | 3.52 | 2.50 | 1.52 | 10      |
| <b>14184</b>                 | 1-1/2"     | 7.82                 | 3.52 | 2.50 | 1.76 | 10      |
| <b>14185</b>                 | 2"         | 10.05                | 4.27 | 3.41 | 2.21 | 10      |
| <b>With Cover and Gasket</b> |            |                      |      |      |      |         |
| <b>14190</b>                 | 1/2"       | 4.31                 | 2.03 | 1.36 | .72  | 50      |
| <b>14191</b>                 | 3/4"       | 5.08                 | 2.30 | 1.63 | .96  | 50      |
| <b>14192</b>                 | 1"         | 5.92                 | 2.68 | 1.89 | 1.18 | 25      |
| <b>14193</b>                 | 1-1/4"     | 7.82                 | 3.52 | 2.50 | 1.52 | 10      |
| <b>14194</b>                 | 1-1/2"     | 7.82                 | 3.52 | 2.50 | 1.76 | 10      |
| <b>14195</b>                 | 2"         | 10.05                | 4.27 | 3.41 | 2.21 | 10      |

Dimensions = Inches



## Aluminum EMT Set Screw Conduit Bodies LL Type



- Set Screw for EMT Conduit
- Rain-tight when used with Gasketed Covers
- Die-Cast from High-Strength, Corrosion and Weather Resistant Copper Free Aluminum Alloy
- Flat Back Design for easy mounting close to walls

To Provide Access to Conductors for Pulling, Splicing, and Maintenance. For EMT Conduit

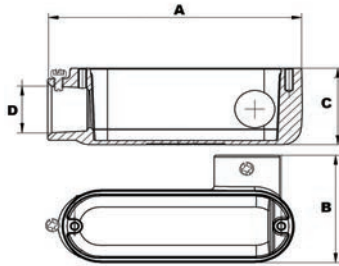
| Cat. No.                     | Trade Size | Dimensions-LL Series |      |      |      | Box Qty |
|------------------------------|------------|----------------------|------|------|------|---------|
|                              |            | A                    | B    | C    | D    |         |
| <b>14200</b>                 | 1/2"       | 4.31                 | 2.03 | 1.36 | .72  | 50      |
| <b>14201</b>                 | 3/4"       | 5.08                 | 2.30 | 1.63 | .96  | 50      |
| <b>14202</b>                 | 1"         | 5.92                 | 2.68 | 1.89 | 1.18 | 25      |
| <b>14203</b>                 | 1-1/4"     | 7.82                 | 3.52 | 2.50 | 1.52 | 10      |
| <b>14204</b>                 | 1-1/2"     | 7.82                 | 3.52 | 2.50 | 1.76 | 10      |
| <b>14205</b>                 | 2"         | 10.05                | 4.27 | 3.41 | 2.21 | 10      |
| <b>With Cover and Gasket</b> |            |                      |      |      |      |         |
| <b>14210</b>                 | 1/2"       | 4.31                 | 2.03 | 1.36 | .72  | 50      |
| <b>14211</b>                 | 3/4"       | 5.08                 | 2.30 | 1.63 | .96  | 50      |
| <b>14212</b>                 | 1"         | 5.92                 | 2.68 | 1.89 | 1.18 | 25      |
| <b>14213</b>                 | 1-1/4"     | 7.82                 | 3.52 | 2.50 | 1.52 | 10      |
| <b>14214</b>                 | 1-1/2"     | 7.82                 | 3.52 | 2.50 | 1.76 | 10      |
| <b>14215</b>                 | 2"         | 10.05                | 4.27 | 3.41 | 2.21 | 10      |

Dimensions = Inches





### Aluminum EMT Set Screw Conduit Bodies LR Type



- Set Screw for EMT Conduit
- Rain-tight when used with Gasketed Covers
- Die-Cast from High-Strength, Corrosion and Weather Resistant Copper Free Aluminum Alloy
- Flat Back Design for easy mounting close to walls

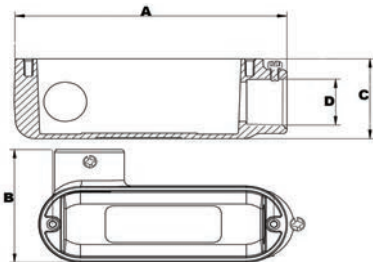
To Provide Access to Conductors for Pulling, Splicing, and Maintenance. For EMT Conduit

| Cat. No.                     | Trade Size | Dimensions-LR Series |      |      |      | Box Qty |
|------------------------------|------------|----------------------|------|------|------|---------|
|                              |            | A                    | B    | C    | D    |         |
| 14180                        | 1/2"       | 4.31                 | 2.03 | 1.36 | .72  | 50      |
| 14181                        | 3/4"       | 5.08                 | 2.30 | 1.63 | .96  | 50      |
| 14182                        | 1"         | 5.92                 | 2.68 | 1.89 | 1.18 | 25      |
| 14183                        | 1-1/4"     | 7.82                 | 3.52 | 2.50 | 1.52 | 10      |
| 14184                        | 1-1/2"     | 7.82                 | 3.52 | 2.50 | 1.76 | 10      |
| 14185                        | 2"         | 10.05                | 4.27 | 3.41 | 2.21 | 10      |
| <b>With Cover and Gasket</b> |            |                      |      |      |      |         |
| 14190                        | 1/2"       | 4.31                 | 2.03 | 1.36 | .72  | 50      |
| 14191                        | 3/4"       | 5.08                 | 2.30 | 1.63 | .96  | 50      |
| 14192                        | 1"         | 5.92                 | 2.68 | 1.89 | 1.18 | 25      |
| 14193                        | 1-1/4"     | 7.82                 | 3.52 | 2.50 | 1.52 | 10      |
| 14194                        | 1-1/2"     | 7.82                 | 3.52 | 2.50 | 1.76 | 10      |
| 14195                        | 2"         | 10.05                | 4.27 | 3.41 | 2.21 | 10      |

Dimensions = Inches



### Aluminum EMT Set Screw Conduit Bodies LL Type



- Set Screw for EMT Conduit
- Rain-tight when used with Gasketed Covers
- Die-Cast from High-Strength, Corrosion and Weather Resistant Copper Free Aluminum Alloy
- Flat Back Design for easy mounting close to walls

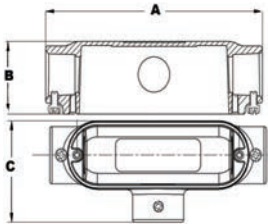
To Provide Access to Conductors for Pulling, Splicing, and Maintenance. For EMT Conduit

| Cat. No.                     | Trade Size | Dimensions-LL Series |      |      |      | Box Qty |
|------------------------------|------------|----------------------|------|------|------|---------|
|                              |            | A                    | B    | C    | D    |         |
| 14200                        | 1/2"       | 4.31                 | 2.03 | 1.36 | .72  | 50      |
| 14201                        | 3/4"       | 5.08                 | 2.30 | 1.63 | .96  | 50      |
| 14202                        | 1"         | 5.92                 | 2.68 | 1.89 | 1.18 | 25      |
| 14203                        | 1-1/4"     | 7.82                 | 3.52 | 2.50 | 1.52 | 10      |
| 14204                        | 1-1/2"     | 7.82                 | 3.52 | 2.50 | 1.76 | 10      |
| 14205                        | 2"         | 10.05                | 4.27 | 3.41 | 2.21 | 10      |
| <b>With Cover and Gasket</b> |            |                      |      |      |      |         |
| 14210                        | 1/2"       | 4.31                 | 2.03 | 1.36 | .72  | 50      |
| 14211                        | 3/4"       | 5.08                 | 2.30 | 1.63 | .96  | 50      |
| 14212                        | 1"         | 5.92                 | 2.68 | 1.89 | 1.18 | 25      |
| 14213                        | 1-1/4"     | 7.82                 | 3.52 | 2.50 | 1.52 | 10      |
| 14214                        | 1-1/2"     | 7.82                 | 3.52 | 2.50 | 1.76 | 10      |
| 14215                        | 2"         | 10.05                | 4.27 | 3.41 | 2.21 | 10      |

Dimensions = Inches



## Aluminum Combination Conduit Bodies T Type



- Threaded for Rigid & IMC Conduits
- Set Screw for EMT Conduit
- Rain-tight when used with Gasketed Covers
- Die-Cast from High-Strength, Corrosion and Weather Resistant Copper Free Aluminum Alloy
- Flat Back Design for easy mounting close to walls

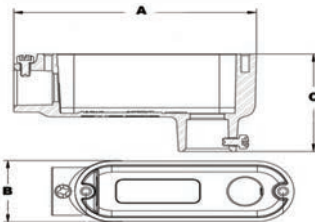
To Provide Access to Conductors for Pulling, Splicing, and Maintenance. For Rigid, IMC & EMT Conduit

| Cat. No.                     | Trade Size | Dimensions-T Series |      |      | Box Qty |
|------------------------------|------------|---------------------|------|------|---------|
|                              |            | A                   | B    | C    |         |
| <b>14252</b>                 | 1/2"       | 4.72                | 1.36 | 2.03 | 50      |
| <b>14253</b>                 | 3/4"       | 5.51                | 1.63 | 2.30 | 50      |
| <b>14254</b>                 | 1"         | 6.46                | 1.89 | 2.68 | 25      |
| <b>14255</b>                 | 1-1/4"     | 8.35                | 2.50 | 3.52 | 10      |
| <b>14256</b>                 | 1-1/2"     | 8.35                | 2.50 | 3.52 | 10      |
| <b>14257</b>                 | 2"         | 10.55               | 3.41 | 4.27 | 10      |
| <b>With Cover and Gasket</b> |            |                     |      |      |         |
| <b>14258</b>                 | 1/2"       | 4.72                | 1.36 | 2.03 | 50      |
| <b>14259</b>                 | 3/4"       | 5.51                | 1.63 | 2.30 | 50      |
| <b>14260</b>                 | 1"         | 6.46                | 1.89 | 2.68 | 25      |
| <b>14261</b>                 | 1-1/4"     | 8.35                | 2.50 | 3.52 | 10      |
| <b>14262</b>                 | 1-1/2"     | 8.35                | 2.50 | 3.52 | 10      |
| <b>14263</b>                 | 2"         | 10.55               | 3.41 | 4.27 | 10      |

Dimensions = Inches



## Aluminum Combination Conduit Bodies LB Type



- Threaded for Rigid & IMC Conduits
- Set Screw for EMT Conduit
- Rain-tight when used with Gasketed Covers
- Die-Cast from High-Strength, Corrosion and Weather Resistant Copper Free Aluminum Alloy
- Flat Back Design for easy mounting close to walls

To Provide Access to Conductors for Pulling, Splicing, and Maintenance. For Rigid, IMC & EMT Conduit

| Cat. No.                     | Trade Size | Dimensions-LB Series |      |      | Box Qty |
|------------------------------|------------|----------------------|------|------|---------|
|                              |            | A                    | B    | C    |         |
| <b>14240</b>                 | 1/2"       | 4.31                 | 1.34 | 2.09 | 50      |
| <b>14241</b>                 | 3/4"       | 5.08                 | 1.56 | 2.39 | 50      |
| <b>14242</b>                 | 1"         | 5.92                 | 1.82 | 2.78 | 25      |
| <b>14243</b>                 | 1-1/4"     | 7.82                 | 2.51 | 3.52 | 10      |
| <b>14244</b>                 | 1-1/2"     | 7.82                 | 2.51 | 3.52 | 10      |
| <b>14245</b>                 | 2"         | 10.05                | 3.19 | 4.51 | 10      |
| <b>With Cover and Gasket</b> |            |                      |      |      |         |
| <b>14246</b>                 | 1/2"       | 4.31                 | 1.34 | 2.09 | 50      |
| <b>14247</b>                 | 3/4"       | 5.08                 | 1.56 | 2.39 | 50      |
| <b>14248</b>                 | 1"         | 5.92                 | 1.82 | 2.78 | 25      |
| <b>14249</b>                 | 1-1/4"     | 7.82                 | 2.51 | 3.52 | 10      |
| <b>14250</b>                 | 1-1/2"     | 7.82                 | 2.51 | 3.52 | 10      |
| <b>14251</b>                 | 2"         | 10.05                | 3.19 | 4.51 | 10      |

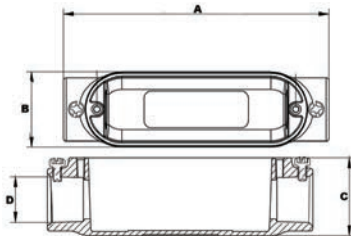
Dimensions = Inches



### Aluminum EMT Set Screw Conduit Bodies Type C



To Provide Access to Conductors for Pulling, Splicing, and Maintenance. For EMT Conduit



- Set Screw for EMT Conduit
- Rain-tight when used with Gasketed Covers
- Die-Cast from High-Strength, Corrosion and Weather Resistant Copper Free Aluminum Alloy
- Flat Back Design for easy mounting close to walls

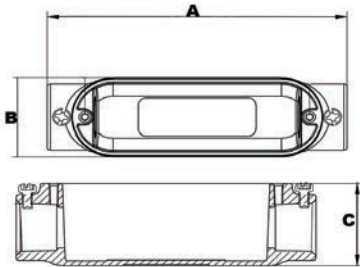
| Cat. No.                     | Trade Size | Dimensions-C Series |      |      |      | Box Qty |
|------------------------------|------------|---------------------|------|------|------|---------|
|                              |            | A                   | B    | C    | D    |         |
| 14220                        | 1/2"       | 4.72                | 1.34 | 1.36 | .72  | 50      |
| 14221                        | 3/4"       | 5.51                | 1.56 | 1.63 | .96  | 50      |
| 14222                        | 1"         | 6.46                | 1.82 | 1.89 | 1.18 | 25      |
| 14223                        | 1-1/4"     | 8.35                | 2.51 | 2.50 | 1.52 | 10      |
| 14224                        | 1-1/2"     | 8.35                | 2.51 | 2.50 | 1.76 | 10      |
| 14225                        | 2"         | 10.55               | 3.19 | 3.41 | 2.21 | 10      |
| <b>With Cover and Gasket</b> |            |                     |      |      |      |         |
| 14230                        | 1/2"       | 4.72                | 1.34 | 1.36 | .72  | 50      |
| 14231                        | 3/4"       | 5.51                | 1.56 | 1.63 | .96  | 50      |
| 14232                        | 1"         | 6.46                | 1.82 | 1.89 | 1.18 | 25      |
| 14233                        | 1-1/4"     | 8.35                | 2.51 | 2.50 | 1.52 | 10      |
| 14234                        | 1-1/2"     | 8.35                | 2.51 | 2.50 | 1.76 | 10      |
| 14235                        | 2"         | 10.55               | 3.19 | 3.41 | 2.21 | 10      |

| Trade Size in Inches |      | Wire Size (THWN, THHN) Conductor Size AWG/kcmil |     |     |     |     |    |    |    |    |     |     |     |     |     |     |     |     |     |     |     |     |
|----------------------|------|---|-----|-----|-----|-----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|                      |      | 14  | 12  | 10  | 8   | 6   | 4  | 3  | 2  | 1  | 1/0 | 2/0 | 3/0 | 4/0 | 250 | 300 | 350 | 400 | 500 | 600 | 700 | 750 |
| 1/2                  | EMT  | 12  | 9   | 5   | 3   | 2   | 1  | 1  | 1  | 1  | 1   | --  | --  | --  | --  | --  | --  | --  | --  | --  | --  | --  |
|                      | IMC  | 14  | 10  | 6   | 3   | 2   | 1  | 1  | 1  | 1  | 1   | 1   | --  | --  | --  | --  | --  | --  | --  | --  | --  | --  |
|                      | GALV | 13  | 9   | 6   | 3   | 2   | 1  | 1  | 1  | 1  | 1   | --  | --  | --  | --  | --  | --  | --  | --  | --  | --  | --  |
| 3/4                  | EMT  | 22  | 16  | 10  | 6   | 4   | 2  | 1  | 1  | 1  | 1   | 1   | 1   | 1   | --  | --  | --  | --  | --  | --  | --  | --  |
|                      | IMC  | 24  | 17  | 11  | 6   | 4   | 3  | 2  | 1  | 1  | 1   | 1   | 1   | 1   | --  | --  | --  | --  | --  | --  | --  | --  |
|                      | GALV | 22  | 16  | 10  | 6   | 4   | 2  | 1  | 1  | 1  | 1   | 1   | 1   | 1   | --  | --  | --  | --  | --  | --  | --  | --  |
| 1                    | EMT  | 35  | 26  | 16  | 9   | 7   | 4  | 3  | 3  | 1  | 1   | 1   | 1   | 1   | 1   | 1   | 1   | --  | --  | --  | --  | --  |
|                      | IMC  | 39  | 29  | 18  | 10  | 7   | 4  | 4  | 3  | 2  | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | --  | --  | --  | --  |
|                      | GALV | 36  | 26  | 17  | 9   | 7   | 4  | 3  | 3  | 1  | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | --  | --  | --  | --  |
| 1 1/4                | EMT  | 61  | 45  | 28  | 16  | 12  | 7  | 6  | 5  | 4  | 3   | 2   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | --  |
|                      | IMC  | 68  | 49  | 31  | 18  | 13  | 8  | 6  | 5  | 4  | 3   | 3   | 2   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   |
|                      | GALV | 63  | 46  | 29  | 16  | 12  | 7  | 6  | 5  | 4  | 3   | 2   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | --  |
| 1 1/2                | EMT  | 84  | 61  | 38  | 22  | 16  | 10 | 8  | 7  | 5  | 4   | 3   | 2   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   |
|                      | IMC  | 91  | 67  | 42  | 24  | 17  | 10 | 9  | 7  | 5  | 4   | 4   | 3   | 2   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   |
|                      | GALV | 85  | 62  | 39  | 22  | 16  | 10 | 8  | 7  | 5  | 4   | 3   | 3   | 2   | 1   | 1   | 1   | 1   | 1   | 1   | 1   | 1   |
| Trade Size in Inches |      | Wire Size (THWN, THHN) Conductor Size AWG/kcmil |     |     |     |     |    |    |    |    |     |     |     |     |     |     |     |     |     |     |     |     |
|                      |      | 14  | 12  | 10  | 8   | 6   | 4  | 3  | 2  | 1  | 1/0 | 2/0 | 3/0 | 4/0 | 250 | 300 | 350 | 400 | 500 | 600 | 700 | 750 |
| 2                    | EMT  | 138   | 101 | 63  | 36  | 26  | 16 | 13 | 11 | 8  | 7   | 6   | 5   | 4   | 3   | 2   | 1   | 1   | 1   | 1   | 1   | 1   |
|                      | IMC  | 149   | 109 | 68  | 39  | 38  | 17 | 15 | 12 | 9  | 8   | 6   | 5   | 4   | 3   | 3   | 2   | 2   | 1   | 1   | 1   | 1   |
|                      | GALV | 140   | 102 | 64  | 37  | 27  | 16 | 14 | 11 | 8  | 7   | 6   | 5   | 4   | 3   | 3   | 2   | 2   | 1   | 1   | 1   | 1   |
| 2 1/2                | EMT  | 241   | 176 | 111 | 64  | 46  | 28 | 24 | 20 | 15 | 12  | 10  | 8   | 7   | 6   | 5   | 4   | 4   | 3   | 2   | 2   | 1   |
|                      | IMC  | 211   | 154 | 97  | 56  | 40  | 25 | 21 | 17 | 13 | 11  | 9   | 7   | 6   | 5   | 4   | 4   | 3   | 3   | 2   | 1   | 1   |
|                      | GALV | 200   | 146 | 92  | 53  | 38  | 23 | 20 | 17 | 12 | 10  | 8   | 7   | 6   | 5   | 4   | 3   | 3   | 2   | 1   | 1   | 1   |
| 3                    | EMT  | 364   | 226 | 167 | 96  | 69  | 43 | 36 | 30 | 22 | 19  | 16  | 13  | 11  | 9   | 7   | 6   | 6   | 5   | 4   | 3   | 3   |
|                      | IMC  | 362   | 238 | 150 | 86  | 62  | 38 | 32 | 27 | 20 | 17  | 14  | 12  | 9   | 8   | 7   | 6   | 5   | 4   | 3   | 3   | 3   |
|                      | GALV | 309   | 225 | 142 | 82  | 59  | 36 | 31 | 26 | 19 | 16  | 13  | 11  | 9   | 7   | 6   | 5   | 5   | 4   | 3   | 3   | 3   |
| 3 1/2                | EMT  | 476   | 347 | 219 | 126 | 91  | 56 | 47 | 40 | 29 | 25  | 20  | 17  | 14  | 11  | 10  | 9   | 8   | 6   | 5   | 4   | 4   |
|                      | IMC  | 436   | 318 | 200 | 115 | 83  | 51 | 43 | 36 | 27 | 23  | 19  | 16  | 13  | 10  | 9   | 8   | 7   | 6   | 5   | 4   | 4   |
|                      | GALV | 412   | 301 | 189 | 109 | 79  | 48 | 41 | 34 | 25 | 21  | 18  | 15  | 12  | 10  | 8   | 7   | 7   | 5   | 4   | 4   | 4   |
| 4                    | EMT  | 608   | 443 | 279 | 161 | 116 | 71 | 60 | 51 | 37 | 32  | 26  | 22  | 18  | 15  | 13  | 11  | 10  | 8   | 7   | 6   | 5   |
|                      | IMC  | 562   | 410 | 258 | 149 | 107 | 66 | 56 | 47 | 35 | 29  | 24  | 20  | 17  | 13  | 12  | 10  | 9   | 7   | 6   | 5   | 5   |
|                      | GALV | 531   | 387 | 244 | 140 | 101 | 62 | 53 | 44 | 33 | 27  | 23  | 19  | 16  | 13  | 11  | 10  | 8   | 7   | 6   | 5   | 5   |



Above information referenced from tables C1, C4, and C8 in the National Electric Code of 2008.  
 For more information on the following types of conduit, please see the table listed below in the appendix C of the National Electric Code of 2008.  
 Rigid PVC Conduit, Schedule 80 -- Table C9  
 Rigid PVC Conduit, Schedule 40 -- Table C10  
 Flexible Metallic Conduit -- Table C3  
 Liquidtight Flexible Metallic Conduit -- Table C7  
 Liquidtight Flexible Nonmetallic Conduit (Type FNM-C-B) -- Table C5  
 If you have any other questions see the NEC Code Book

## Aluminum Combination Conduit Bodies C Type



- Threaded for Rigid & IMC Conduits
- Set Screw for EMT Conduit
- Rain-tight when used with Gasketed Covers
- Die-Cast from High-Strength, Corrosion and Weather Resistant Copper Free Aluminum Alloy
- Flat Back Design for easy mounting close to walls

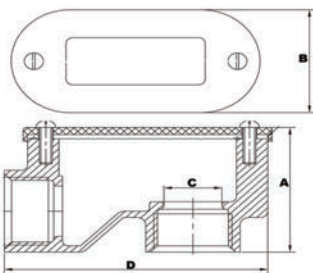
To Provide Access to Conductors for Pulling, Splicing, and Maintenance. For Rigid, IMC & EMT Conduit

| Cat. No.                     | Trade Size | Dimensions-C Series |      |      | Box Qty |
|------------------------------|------------|---------------------|------|------|---------|
|                              |            | A                   | B    | C    |         |
| 14288                        | 1/2"       | 4.72                | 1.34 | 1.36 | 50      |
| 14289                        | 3/4"       | 5.51                | 1.56 | 1.63 | 50      |
| 14290                        | 1"         | 6.46                | 1.82 | 1.89 | 25      |
| 14291                        | 1-1/4"     | 8.35                | 2.51 | 2.50 | 10      |
| 14292                        | 1-1/2"     | 8.35                | 2.51 | 2.50 | 10      |
| 14293                        | 2"         | 10.55               | 3.19 | 3.41 | 10      |
| <b>With Cover and Gasket</b> |            |                     |      |      |         |
| 14294                        | 1/2"       | 4.72                | 1.34 | 1.36 | 50      |
| 14295                        | 3/4"       | 5.51                | 1.56 | 1.63 | 50      |
| 14296                        | 1"         | 6.46                | 1.82 | 1.89 | 25      |
| 14297                        | 1-1/4"     | 8.35                | 2.51 | 2.50 | 10      |
| 14298                        | 1-1/2"     | 8.35                | 2.51 | 2.50 | 10      |
| 14299                        | 2"         | 10.55               | 3.19 | 3.41 | 10      |

Dimensions = Inches



## Aluminum Service Entrance Conduits



- Tapered Threaded Hubs (NPT)
- Rain-tight with Gasketed covers
- Die Cast from High-Strength, Corrosion and Weather Resistant Copper Free Aluminum Alloy
- Flat Back Design for easy mounting close to walls

**With Gasketed Cover**

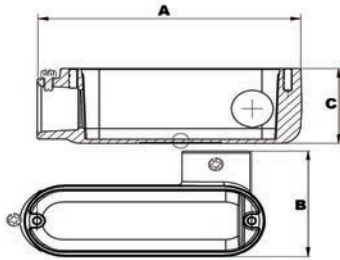
| Cat. No. | Trade Size | Dimensions |      |      |      | Box Qty |
|----------|------------|------------|------|------|------|---------|
|          |            | A          | B    | C    | D    |         |
| 14307    | 1/2"       | 1.59       | 1.38 | .59  | 3.15 | 300     |
| 14308    | 3/4"       | 1.89       | 1.71 | .78  | 3.58 | 50      |
| 14310    | 1-1/4"     | 2.05       | 1.93 | 1.00 | 4.17 | 50      |

Dimensions = Inches





### Aluminum Combination Conduit Bodies LR Type



- Threaded for Rigid & IMC Conduits
- Set Screw for EMT Conduit
- Rain-tight when used with Gasketed Covers
- Die-Cast from High-Strength, Corrosion and Weather Resistant Copper Free Aluminum Alloy
- Flat Back Design for easy mounting close to walls

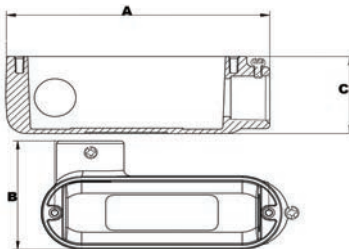
To Provide Access to Conductors for Pulling, Splicing, and Maintenance. For Rigid, IMC & EMT Conduit

| Cat. No.                     | Trade Size | Dimensions-LR Series |      |      | Box Qty |
|------------------------------|------------|----------------------|------|------|---------|
|                              |            | A                    | B    | C    |         |
| 14264                        | 1/2"       | 4.31                 | 2.03 | 1.36 | 50      |
| 14265                        | 3/4"       | 5.08                 | 2.30 | 1.63 | 50      |
| 14266                        | 1"         | 5.92                 | 2.68 | 1.89 | 25      |
| 14267                        | 1-1/4"     | 7.82                 | 3.52 | 2.50 | 10      |
| 14268                        | 1-1/2"     | 7.82                 | 3.52 | 2.50 | 10      |
| 14269                        | 2"         | 10.05                | 4.27 | 3.41 | 10      |
| <b>With Cover and Gasket</b> |            |                      |      |      |         |
| 14270                        | 1/2"       | 4.31                 | 2.03 | 1.36 | 50      |
| 14271                        | 3/4"       | 5.08                 | 2.30 | 1.63 | 50      |
| 14272                        | 1"         | 5.92                 | 2.68 | 1.89 | 25      |
| 14273                        | 1-1/4"     | 7.82                 | 3.52 | 2.50 | 10      |
| 14274                        | 1-1/2"     | 7.82                 | 3.52 | 2.50 | 10      |
| 14275                        | 2"         | 10.05                | 4.27 | 3.41 | 10      |

Dimensions = Inches



### Aluminum Combination Conduit Bodies LL Type



- Threaded for Rigid & IMC Conduits
- Set Screw for EMT Conduit
- Rain-tight when used with Gasketed Covers
- Die-Cast from High-Strength, Corrosion and Weather Resistant Copper Free Aluminum Alloy
- Flat Back Design for easy mounting close to walls

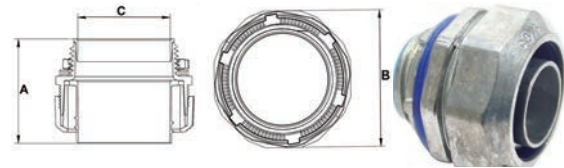
To Provide Access to Conductors for Pulling, Splicing, and Maintenance. For Rigid, IMC & EMT Conduit

| Cat. No.                     | Trade Size | Dimensions-LL Series |      |      | Box Qty |
|------------------------------|------------|----------------------|------|------|---------|
|                              |            | A                    | B    | C    |         |
| 14276                        | 1/2"       | 4.31                 | 2.03 | 1.36 | 50      |
| 14277                        | 3/4"       | 5.08                 | 2.30 | 1.63 | 50      |
| 14278                        | 1"         | 5.92                 | 2.68 | 1.89 | 25      |
| 14279                        | 1-1/4"     | 7.82                 | 3.52 | 2.50 | 10      |
| 14280                        | 1-1/2"     | 7.82                 | 3.52 | 2.50 | 10      |
| 14281                        | 2"         | 10.05                | 4.27 | 3.41 | 10      |
| <b>With Cover and Gasket</b> |            |                      |      |      |         |
| 14282                        | 1/2"       | 4.31                 | 2.03 | 1.36 | 50      |
| 14283                        | 3/4"       | 5.08                 | 2.30 | 1.63 | 50      |
| 14284                        | 1"         | 5.92                 | 2.68 | 1.89 | 25      |
| 14285                        | 1-1/4"     | 7.82                 | 3.52 | 2.50 | 10      |
| 14286                        | 1-1/2"     | 7.82                 | 3.52 | 2.50 | 10      |
| 14287                        | 2"         | 10.05                | 4.27 | 3.41 | 10      |

Dimensions = Inches



## Liquid Tight Connectors - Straight - Insulated - Zinc Die Cast

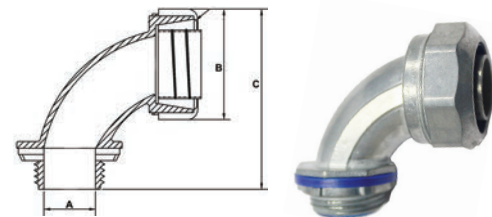


- Terminate and Seal Liquid-tight Flexible Metal Core Conduit to either Oil-tight, Liquid-tight or Rain-tight Box or Enclosure
- Connector can be used with Tapered Threaded Female Entry or Unthreaded KO using the Sealing Washer and Locknut

Dimensions = Inches

| Cat. No. | Trade Size | Dimensions |      |      | Inner Box | Outer Box |
|----------|------------|------------|------|------|-----------|-----------|
|          |            | A          | B    | C    |           |           |
| 15251    | 3/8"       | 1.52       | 1.20 | 0.48 | 25        | 250       |
| 15252    | 1/2"       | 1.52       | 1.20 | 0.56 | 25        | 250       |
| 15253    | 3/4"       | 1.52       | 1.46 | 0.71 | 15        | 150       |
| 15254    | 1"         | 1.93       | 1.69 | 0.94 | 8         | 80        |
| 15255    | 1-1/4"     | 2.08       | 2.17 | 1.24 | 5         | 50        |
| 15256    | 1-1/2"     | 2.15       | 2.44 | 1.45 | 4         | 40        |
| 15257    | 2"         | 2.08       | 2.87 | 1.86 | 2         | 20        |
| 15258    | 2-1/2"     | 3.41       | 3.39 | 2.22 | -         | 10        |
| 15259    | 3"         | 3.58       | 4.09 | 2.76 | -         | 10        |
| 15260    | 3-1/2"     | 4.07       | 4.86 | 3.33 | -         | 6         |
| 15261    | 4"         | 4.17       | 5.04 | 3.62 | -         | 6         |

## 90° Liquid Tight Connectors - Zinc Die Cast

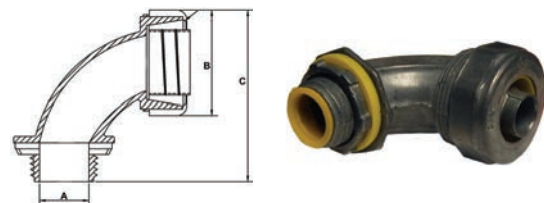


- 90° Orientation
- Terminate and Seal Liquid-tight Flexible Metal Core Conduit to either Oil-tight, Liquid-tight or Rain-tight Box or Enclosure
- Connectors can be used with Tapered Threaded Female Entry or Unthreaded KO using the Sealing Washer and Locknut

Dimensions = Inches

| Cat. No. | Trade Size | Dimensions |      |      | Inner Box | Outer Box |
|----------|------------|------------|------|------|-----------|-----------|
|          |            | A          | B    | C    |           |           |
| 15280    | 3/8"       | 0.48       | 1.26 | 2.04 | 15        | 150       |
| 15281    | 1/2"       | 0.56       | 1.26 | 2.10 | 15        | 150       |
| 15282    | 3/4"       | 0.71       | 1.52 | 2.36 | 10        | 100       |
| 15283    | 1"         | 0.94       | 1.77 | 2.93 | 5         | 50        |
| 15284    | 1-1/4"     | 1.24       | 2.20 | 3.34 | 4         | 40        |
| 15285    | 1-1/2"     | 1.45       | 2.46 | 3.74 | 2         | 20        |
| 15286    | 2"         | 1.86       | 2.93 | 4.21 | 1         | 10        |
| 15287    | 2-1/2"     | 2.22       | 3.54 | 5.31 | -         | 6         |
| 15288    | 3"         | 2.76       | 4.25 | 6.47 | -         | 4         |
| 15289    | 3-1/2"     | 3.54       | 4.86 | 6.47 | -         | 3         |
| 15290    | 4"         | 3.62       | 5.24 | 6.90 | -         | 3         |

## 90° Liquid Tight Connectors - Insulated Throat - Zinc Die Cast



- 90° Orientation
- Terminate and Seal Liquid-tight Flexible Metal Core Conduit to either Oil-tight, Liquid-tight or Rain-tight Box or Enclosure
- Connectors can be used with Tapered Threaded Female Entry or Unthreaded Knockout using the Sealing Washer and Locknut provided

Dimensions = Inches

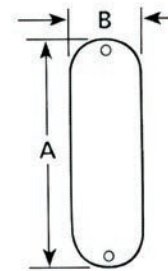
| Cat. No. | Trade Size | Dimensions |      |      | Inner Box | Outer Box |
|----------|------------|------------|------|------|-----------|-----------|
|          |            | A          | B    | C    |           |           |
| 15291    | 3/8"       | .48        | 1.26 | 2.09 | 15        | 150       |
| 15292    | 1/2"       | .56        | 1.26 | 2.15 | 15        | 150       |
| 15293    | 3/4"       | .71        | 1.52 | 2.69 | 10        | 100       |
| 15294    | 1"         | .94        | 1.77 | 2.98 | 5         | 50        |
| 15295    | 1-1/4"     | 1.24       | 2.20 | 3.40 | 4         | 40        |
| 15296    | 1-1/2"     | 1.45       | 2.46 | 3.80 | 2         | 20        |
| 15297    | 2"         | 1.86       | 2.93 | 4.27 | 1         | 10        |
| 15298    | 2-1/2"     | 2.22       | 3.54 | 5.39 | -         | 6         |
| 15299    | 3"         | 2.76       | 4.25 | 6.13 | -         | 4         |
| 15300    | 3-1/2"     | 3.33       | 4.86 | 6.55 | -         | 3         |
| 15301    | 4"         | 3.62       | 5.24 | 6.98 | -         | 3         |

### Steel Conduit Body Covers

- Used with Conduit Body to cover opening
- Assembled with captive zinc plated steel screws
- Raised Center to Accommodate Cable Bend Radius

| Cat. No. | Trade Size      | Dimensions |      | Inner Box | Outer Box |
|----------|-----------------|------------|------|-----------|-----------|
|          |                 | A          | B    |           |           |
| 14002    | 1/2"            | 3.90       | 1.34 | 25        | 250       |
| 14003    | 3/4"            | 4.67       | 1.54 | 25        | 200       |
| 14004    | 1"              | 5.37       | 1.79 | 10        | 100       |
| 14005    | 1-1/4" - 1-1/2" | 7.28       | 2.50 | -         | 50        |
| 14006    | 2"              | 9.49       | 3.15 | -         | 50        |
| 14007    | 2-1/2" - 3"     | 12.21      | 4.53 | -         | 20        |
| 14008    | 3-1/2" - 4"     | 14.96      | 5.51 | -         | 10        |

Dimensions = Inches

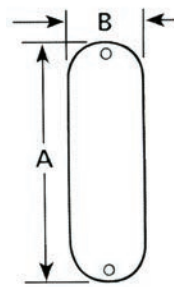


### Aluminum Conduit Body Covers

- Used with Conduit Body to cover opening
- Stamped from high-strength corrosion and weather resistant copper-free aluminum alloy
- Assembled with captive zinc plated steel screws
- Raised Center to Accommodate Cable Bend Radius

| Cat. No. | Trade Size      | Dimensions |      | Inner Box | Outer Box |
|----------|-----------------|------------|------|-----------|-----------|
|          |                 | A          | B    |           |           |
| 14010    | 1/2"            | 3.88       | 1.34 | 10        | 250       |
| 14011    | 3/4"            | 4.67       | 1.56 | 10        | 250       |
| 14012    | 1"              | 5.39       | 1.77 | 10        | 100       |
| 14013    | 1-1/4" - 1-1/2" | 7.28       | 2.50 | 10        | 50        |
| 14014    | 2"              | 9.47       | 3.13 | 10        | 50        |
| 14015    | 2-1/2" - 3"     | 12.21      | 4.53 | -         | 25        |
| 14016    | 3-1/2" - 4"     | 14.96      | 5.51 | -         | 20        |

Dimensions = Inches

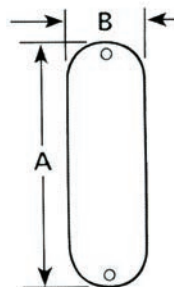


### Neoprene Rubber Conduit Body Gasket

- Gasket used with Conduit Body for a rain tight seal
- Neoprene Rubber Material

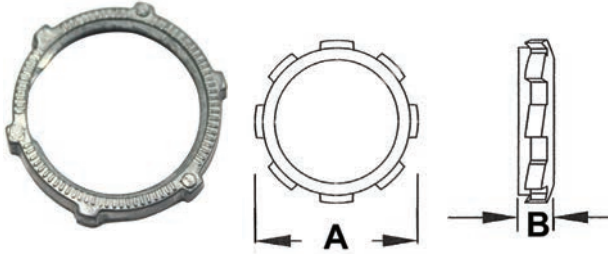
| Cat. No. | Trade Size      | Dimensions |      | Inner Box | Outer Box |
|----------|-----------------|------------|------|-----------|-----------|
|          |                 | A          | B    |           |           |
| 14030    | 1/2"            | 3.90       | 1.34 | 100       | 1,000     |
| 14031    | 3/4"            | 4.67       | 1.54 | 100       | 1,000     |
| 14032    | 1"              | 5.37       | 1.73 | 50        | 500       |
| 14033    | 1-1/4" - 1-1/2" | 7.28       | 2.50 | 50        | 500       |
| 14034    | 2"              | 9.49       | 3.15 | 30        | 300       |
| 14035    | 2-1/2" - 3"     | 12.21      | 4.53 | 10        | 100       |
| 14036    | 3-1/2" - 4"     | 14.96      | 5.51 | 10        | 100       |

Dimensions = Inches



## Locknuts - Zinc Die Cast

UL Listed



- Conduit locknuts for securing threaded conduit or connectors with tapered or straight thread, to a knockout or unthreaded slip hole

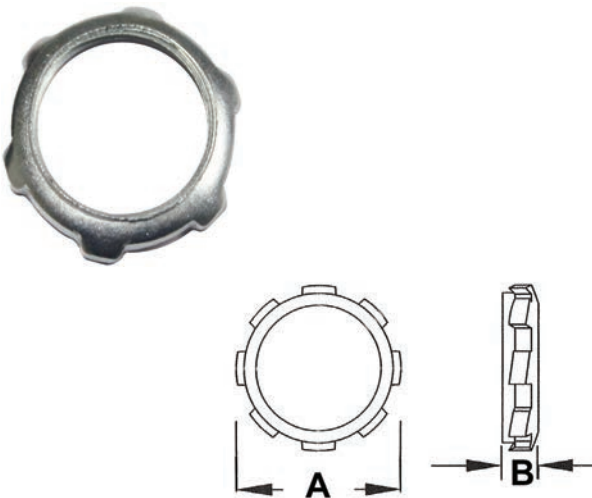
Dimensions = Inches

| Cat. No. | Trade Size | Dimensions |      | Inner Box | Outer Box |
|----------|------------|------------|------|-----------|-----------|
|          |            | A          | B    |           |           |
| 14720    | 1/2"       | 1.09       | 0.12 | 100       | 4,000     |
| 14721    | 3/4"       | 1.36       | 0.14 | 100       | 2,500     |
| 14722    | 1"         | 1.66       | 0.16 | 50        | 1,000     |



## Locknuts - Steel

UL Listed



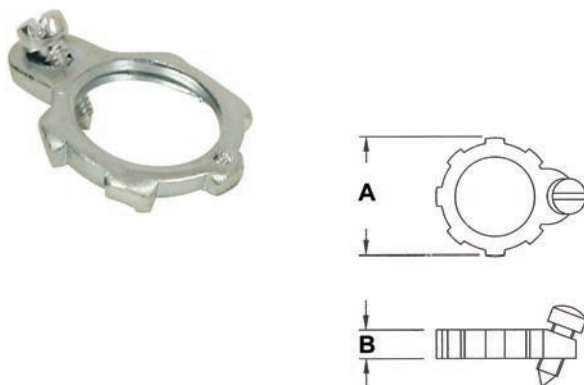
- Conduit locknuts for securing threaded conduit or connectors with tapered or straight thread, to a knockout or unthreaded slip hole

Dimensions = Inches

| Cat. No. | Trade Size | Dimensions |      | Inner Box | Outer Box |
|----------|------------|------------|------|-----------|-----------|
|          |            | A          | B    |           |           |
| 14730    | 1/2"       | 1.13       | 0.11 | 100       | 1,000     |
| 14731    | 3/4"       | 1.39       | 0.12 | 100       | 1,000     |
| 14732    | 1"         | 1.71       | 0.15 | 50        | 500       |
| 14733    | 1-1/4"     | 2.06       | 0.15 | 25        | 500       |
| 14734    | 1-1/2"     | 2.36       | 0.15 | 25        | 200       |
| 14735    | 2"         | 2.86       | 0.16 | 25        | 200       |
| 14736    | 2-1/2"     | 3.43       | 0.20 | 25        | 100       |
| 14737    | 3"         | 4.11       | 0.20 | 25        | 100       |
| 14738    | 3-1/2"     | 4.69       | 0.21 | 25        | 100       |
| 14739    | 4"         | 5.26       | 0.22 | 25        | 100       |
| 14740    | 5"         | 6.50       | 0.43 | -         | 20        |
| 14741    | 6"         | 7.80       | 0.43 | -         | 20        |

## Grounding Locknuts - Steel

UL Listed



- Used with bushings to bond threaded rigid conduit and IMC to boxes, cabinets, or other enclosures where locknut is exposed

Dimensions = Inches

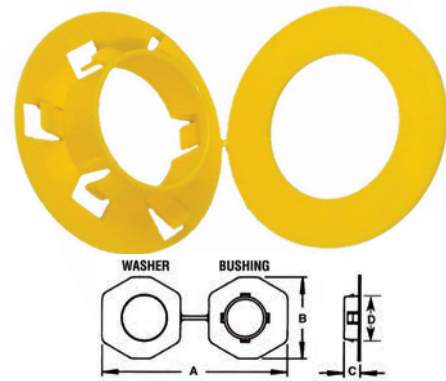
| Cat. No. | Trade Size | Dimensions |     | Inner Box | Outer Box |
|----------|------------|------------|-----|-----------|-----------|
|          |            | A          | B   |           |           |
| 14742    | 1/2"       | 1.14       | .17 | 100       | 1,000     |
| 14743    | 3/4"       | 1.39       | .18 | 100       | 1,000     |
| 14744    | 1"         | 1.73       | .24 | 50        | 500       |
| 14745    | 1-1/4"     | 2.08       | .24 | 25        | 200       |
| 14746    | 1-1/2"     | 2.40       | .25 | 25        | 200       |
| 14747    | 2"         | 2.91       | .29 | 25        | 100       |
| 14748    | 2-1/2"     | 3.46       | .29 | 25        | 100       |
| 14749    | 3"         | 4.14       | .30 | 25        | 100       |
| 14750    | 3-1/2"     | 4.69       | .30 | 25        | 100       |
| 14751    | 4"         | 5.25       | .34 | 25        | 100       |





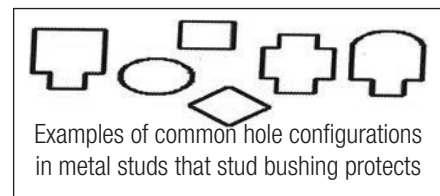
### Polypropylene Stud Bushings

- Fits existing irregular shaped holes in metal studs  
Alleviates the need to punch holes in metal studs, weakening the structural member
- Protects wire insulation from abrasion in metal studs
- Bushing allows smooth wire pulling
- No tools needed
- Use these bushings to comply with paragraph 300-4(b)(1) of the 2005 NEC code which states that: "In both exposed & concealed locations where nonmetallic-sheathed cables pass through either factory or field punched, cut, or drilled slots or holes in metal members, the cable shall be protected by bushings or grommets covering all metal edges & securely fastened in the opening prior to installation of the cable"



Dimensions = Inches

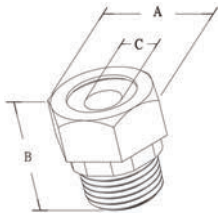
| Cat. No. | Stud Size | Dimensions |       |      |      | Bag Qty |
|----------|-----------|------------|-------|------|------|---------|
|          |           | A          | B     | C    | D    |         |
| 21760    | 2x4       | 5.67       | 2.50" | .505 | 1.30 | 25      |



## Cord Grips - Zinc Die Cast



- Use to Connect S, SO, ST, SJ, SJO and SJT Cord to a Steel Outlet Box or other Metal Enclosure
- Neoprene Grommet for a moisture proof seal
- Simple Installation, cord can be installed without disassembly of the fitting
- Liquid-tight/Oil-tight/Rain-tight
- Suitable for NEMA 4 Enclosures and other wet locations
- Male Tapered NPT Threading
- Colored Seal allows for Easy Identification



Dimensions = Inches

| Cat. No. | Trade Size | Insert Color | Cable Range |      |      | Overall Dim. |     | Inner Box | Outer Box |
|----------|------------|--------------|-------------|------|------|--------------|-----|-----------|-----------|
|          |            |              | C           | A    | B    |              |     |           |           |
| 15450    | 1/2"       | Red          | .190 - .260 | 1.22 | 1.14 | 25           | 250 |           |           |
| 15451    | 1/2"       | Blue         | .260 - .375 | 1.22 | 1.14 | 25           | 250 |           |           |
| 15452    | 1/2"       | Green        | .375 - .500 | 1.22 | 1.14 | 25           | 250 |           |           |
| 15453    | 3/4"       | Green        | .375 - .500 | 1.34 | 1.20 | 25           | 250 |           |           |
| 15454    | 3/4"       | Brown        | .500 - .625 | 1.34 | 1.20 | 25           | 250 |           |           |
| 15455    | 3/4"       | Orange       | .625 - .725 | 1.34 | 1.20 | 25           | 250 |           |           |
| 15457    | 1"         | Brown        | .500 - .650 | 1.42 | 1.69 | 10           | 100 |           |           |
| 15458    | 1"         | Orange       | .625 - .750 | 1.42 | 1.69 | 10           | 100 |           |           |
| 15459    | 1"         | Black        | .750 - .880 | 1.42 | 1.69 | 10           | 100 |           |           |
| 15460    | 1"         | Purple       | .880 - .985 | 1.42 | 1.69 | 10           | 100 |           |           |

## Metal Cable Glands - NPT Thread



- Used to introduce cables or leads into metal housings, or to introduce reinforced cables
- Designed for use in areas of zone 1(2G) and 21(1D) with no risk of explosion and for cables with and without reinforcement
- In case of systems or housing manufactured according to NEC, the line or the connecting cable must be introduced by conduits, mounting fittings, etc. with NPT threads
- Working Temp: -40°F to 212°F
- Brass Nickel Plated
- IP 68 (NEMA 6P) rated - Submersible & Dustproof

Dimensions = Inches

| Cat. No. | Cable Range | Dimensions |             |            | Inner Bag Qty | Outer Box Qty |
|----------|-------------|------------|-------------|------------|---------------|---------------|
|          |             | D1 Thread  | GL (Inches) | H (Inches) |               |               |
| 22600    | .16" - .32" | 3/8"       | .59         | .83        | 100           | 1,500         |
| 22601    | .24" - .48" | 1/2"       | .51         | .94        | 100           | 800           |
| 22602    | .40" - .55" | 1/2"       | .51         | .94        | 50            | 600           |
| 22603    | .51" - .71" | 3/4"       | .51         | .98        | 50            | 500           |
| 22604    | .71" - .99" | 1"         | .67         | 1.14       | 25            | 400           |



## Metal Cable Glands - Metric Thread

Dimensions = Inches



- Cable Glands with Metric threads are now standard and replacements for the PG Cable Glands
- Used to introduce cables or leads into metal housings or to introduce reinforced cables
- Designed for use in areas of zone 1(2G), and 21(1D) with no risk of explosion and for cables with and without reinforcement
- Working Temp: -40°F to 212°F
- Brass Nickel Plated
- IP 68 (NEMA 6P) rated - Submersible & Dustproof

| Cat. No. | Cable Range   | Dimensions |             |            | Inner Bag Qty | Outer Box Qty |
|----------|---------------|------------|-------------|------------|---------------|---------------|
|          |               | D1 Thread  | GL (Inches) | H (Inches) |               |               |
| 22590    | .12" - .26"   | M12        | .26         | .75        | 100           | 2,000         |
| 22591    | .16" - .32"   | M16        | .24         | .83        | 100           | 1,500         |
| 22592    | .20" - .40"   | M16        | .24         | .83        | 100           | 1,000         |
| 22593    | .24" - .48"   | M20        | .24         | .91        | 100           | 800           |
| 22594    | .40" - .55"   | M20        | .24         | .91        | 50            | 600           |
| 22595    | .51" - .71"   | M25        | .28         | 1.02       | 50            | 500           |
| 22596    | .71" - .99"   | M32        | .31         | 1.22       | 20            | 400           |
| 22597    | .87" - 1.26"  | M40        | .31         | 1.46       | 10            | 160           |
| 22598    | 1.26" - 1.50" | M50        | .35         | 1.46       | 10            | 120           |
| 22599    | 1.46" - 1.73" | M63        | .39         | 1.50       | 10            | 80            |

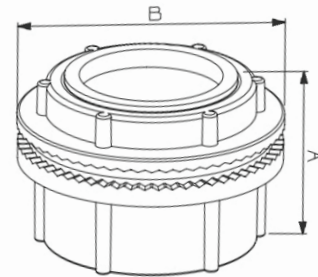


### Rigid Watertight Hubs - Zinc Die Cast

- To secure threaded rigid service entrance conduit & IMC to box or enclosure
- Assembled with 105°C rated flame retardant Lexan throat insulator and BUNA-N sealing ring that completely encircles knockout to prevent contaminants from entering enclosure
- UL Listed and CSA Certified for use in wet locations



| Cat. No. | Trade Size | Dimensions |      | Inner Box | Outer Box |
|----------|------------|------------|------|-----------|-----------|
|          |            | A          | B    |           |           |
| 14800    | 1/2"       | 1.41       | 1.41 | -         | 150       |
| 14801    | 3/4"       | 1.54       | 1.66 | -         | 120       |
| 14802    | 1"         | 1.75       | 1.95 | -         | 50        |
| 14803    | 1-1/4"     | 1.69       | 2.41 | -         | 40        |
| 14804    | 1-1/2"     | 1.71       | 2.69 | -         | 30        |
| 14805    | 2"         | 1.83       | 3.20 | -         | 30        |
| 14806    | 2-1/2"     | 2.59       | 3.69 | -         | 10        |
| 14807    | 3"         | 2.61       | 4.39 | -         | 6         |
| 14808    | 3-1/2"     | 2.53       | 4.72 | -         | 6         |
| 14809    | 4"         | 2.56       | 5.47 | -         | 6         |



Dimensions = Inches



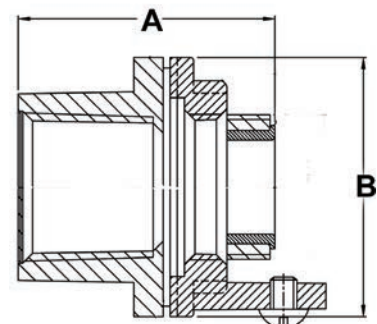
### Rigid Watertight Hubs with Bonding Screw - Zinc

- Male thread type
- Tapered female thread for Rigid conduit and IMC
- Recessed O-ring seal assures watertight connections
- Insulated throat and bonding locknut is suitable for service entrance application
- Assembled with 105°C rated flame retardant Lexan throat insulator and BUNA-N sealing ring
- UL Listed and CSA Certified for use in wet locations

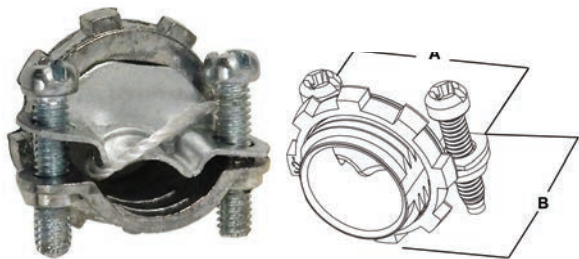


Dimensions = Inches

| Cat. No. | Trade Size | Dimensions |      | Inner Box | Outer Box |
|----------|------------|------------|------|-----------|-----------|
|          |            | A          | B    |           |           |
| 14810    | 1/2"       | 1.42       | 1.22 | 25        | 250       |
| 14811    | 3/4"       | 1.61       | 1.50 | 25        | 150       |
| 14812    | 1"         | 1.87       | 1.89 | 25        | 100       |
| 14813    | 1-1/4"     | 2.01       | 2.24 | 10        | 60        |
| 14814    | 1-1/2"     | 2.12       | 2.52 | 10        | 60        |
| 14815    | 2"         | 2.20       | 3.03 | 10        | 40        |
| 14816    | 2-1/2"     | 2.64       | 3.54 | -         | 12        |
| 14817    | 3"         | 2.64       | 4.07 | -         | 12        |
| 14818    | 3-1/2"     | 2.70       | 4.78 | -         | 6         |
| 14819    | 4"         | 2.70       | 5.35 | -         | 6         |



## 3/8" NM Connector - Zinc Die Cast

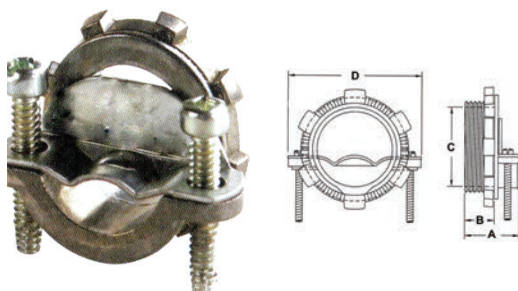


- Used to connect Non-Metallic Sheath Cable and Flexible Cord from .30" to .45" in diameter to Outlet Boxes, Enclosures, or Raceway Systems
- 3/8" size fits 1/2" knockout
- Assembled with Zinc Die Cast Locknut and Combo Screws

| Cat. No. | Trade Size | Dimensions |      | Inner Box | Outer Box |
|----------|------------|------------|------|-----------|-----------|
|          |            | A          | B    |           |           |
| 15330    | 3/8"       | 0.78       | 0.35 | 100       | 1,000     |

Dimensions = Inches

## Non-Watertight NM Round Connectors - Zinc Die Cast

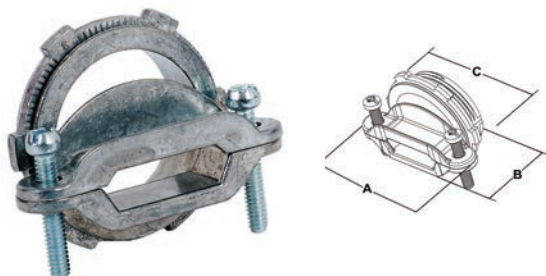


- Used with Locknut to Terminate Service Entrance Cable to Enclosure
- Assembled with Zinc Die Cast Locknut and Combo Screws
- For Type SEU and NM Cable

| Cat. No. | Trade Size | Dimensions |     |      |      | Inner Box | Outer Box |
|----------|------------|------------|-----|------|------|-----------|-----------|
|          |            | A          | B   | C    | D    |           |           |
| 15331    | 3/4"       | .83        | .32 | .83  | 1.67 | 40        | 400       |
| 15332    | 1"         | 1.14       | .55 | 1.04 | 1.95 | 20        | 200       |
| 15333    | 1-1/4"     | 1.24       | .57 | 1.38 | 2.20 | 15        | 150       |
| 15334    | 1-1/2"     | 1.40       | .57 | 1.61 | 2.60 | 10        | 100       |
| 15335    | 2"         | 1.50       | .65 | 2.05 | 3.03 | 8         | 80        |

Dimensions = Inches

## Non-Watertight NM Oval Connectors - Zinc Die Cast



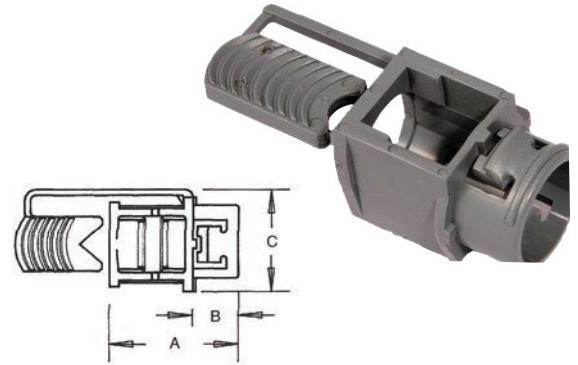
- Used with Locknut to Terminate NM Cable to Enclosure
- Assembled with Zinc Die Cast Locknut and Combo Screws
- For NM Oval Cable

| Cat. No. | Trade Size | Dimensions |      |      | Inner Box | Outer Box |
|----------|------------|------------|------|------|-----------|-----------|
|          |            | A          | B    | C    |           |           |
| 15337    | 1-1/4"     | 2.26       | 1.29 | 1.91 | 10        | 100       |
| 15338    | 1-1/2"     | 2.84       | 1.30 | 2.19 | 10        | 100       |
| 15339    | 2"         | 3.48       | 1.51 | 2.76 | 5         | 50        |

Dimensions = Inches

### NM Cable Connector

- Accommodates:  
One or Two 14-2, 14-3 and 12-2 Cables,  
One 12-3, 10-2 and 10-3 cable,  
One or Two .300" to .600" Diameter Cords
- Push-in Design with a Captive Locking Wedge that secures cable with a single squeeze with pliers
- Excellent Insulation and Superior Strain Relief
- Sized to fit 1/2" Knockout



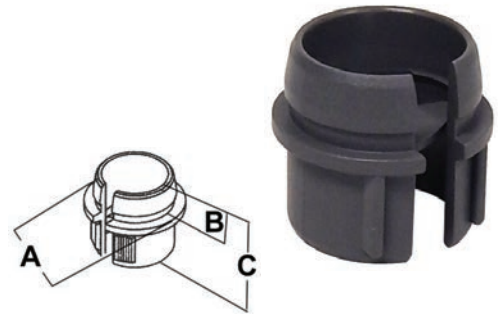
| Cat. No. | Size | Dimensions |       |    | Bag Qty | Case Qty |
|----------|------|------------|-------|----|---------|----------|
|          |      | A          | B     | C  |         |          |
| 21762    | 1/2" | 1-3/8"     | .1/2" | 1" | 50      | 1,000    |

Dimensions = Inches



### NM Cable Connector

- Smaller and Easily Installed in confined areas
- No tools Required
- Simple Snap-in Installation
- Easily Removed from Knockouts and Easy Removal of NM from Connector
- A Labor Saving Connector with 60 pound Test Pull
- 21764 is gray and 21765 is black



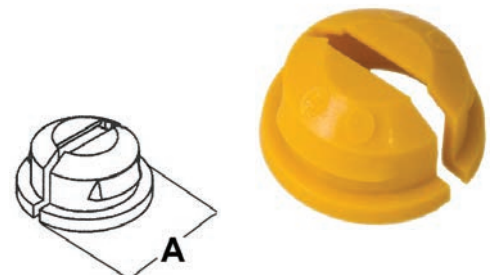
| Cat. No. | Size | Cable Size  | Dimensions |      |        | Bag Qty | Case Qty |
|----------|------|---|------------|------|--------|---------|----------|
|          |      |   | A          | B    | C      |         |          |
| 21764    | 1/2" | Single Cable 14/2 - 10/3<br>Two Cables 14/2, 12/2, 14/3 | 1"         | 3/8" | 15/16" | 100     | 3,000    |
| 21765    | 3/4" | Three Cables (3)#6 - (3)#8                              | 1-5/16"    | 5/8" | 1"     | 50      | 1,000    |

Dimensions = Inches



### NM Cable Connector

- Smaller and Easily Installed in confined areas
- No tools Required
- Simple Snap-in Installation
- Easily Removed from Knockouts and Easy Removal of NM from Connector



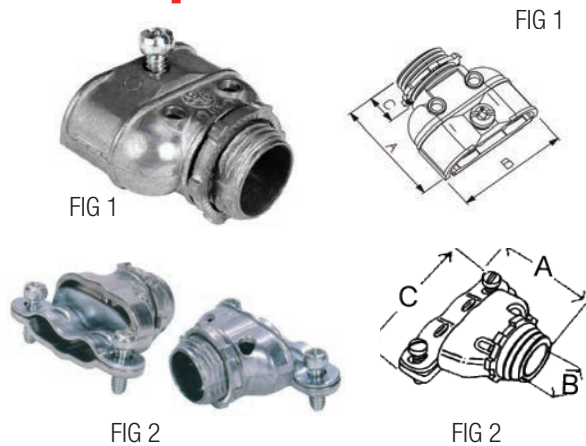
| Cat. No. | KO Size | Cable Size   | Dim. "A" | Bag Qty | Case Qty |
|----------|---------|--------------|----------|---------|----------|
| 21766    | 1/2"    | 14/2 or 12/2 | 1-1/16"  | 100     | 5,000    |

Dimensions = Inches





## Flex Duplex Box Connectors - Zinc Die Cast

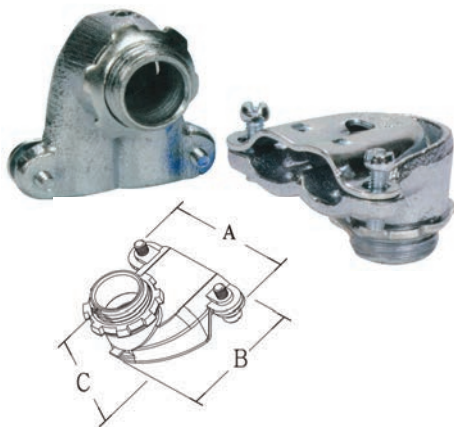


- Use to connect two pieces of Flexible Metallic Conduit, AC, MC, or NM sheathed cable to a steel box or other metal enclosure when using only one knockout opening:
  - 14/2 Thru 12/3 NM
  - 14/2 Thru 10/4 AC
  - 14/2 Thru 10/3 MC
  - 3/8" FMC
- 3/8" size fits 1/2" knockout
- One Screw or Two Screw design

Dimensions = Inches

| Cat. No. | Trade Size | Figure | # of Screws | Dimensions |      |      | Inner Box | Outer Box |
|----------|------------|--------|-------------|------------|------|------|-----------|-----------|
|          |            |        |             | A          | B    | C    |           |           |
| 15065    | 3/8"       | 1      | 1           | 1.59       | 1.62 | 0.46 | 25        | 250       |
| 15066    | 3/8"       | 2      | 2           | 1.57       | .61  | 2.32 | 25        | 250       |

## 90° Flex Conduit Duplex Box Connector - Zinc Die Cast

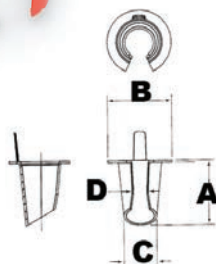


- Use to connect two pieces of Flexible Metallic Conduit, AC, MC or NM sheathed cable to a steel outlet box or other metal enclosure when using only one knockout opening in a dry location:
  - 14/2 Thru 10/3 NM
  - 14/2 Thru 10/4 AC
  - 14/2 Thru 10/3 MC
  - 3/8" FMC
- 3/8" size fits 1/2" knockout
- Two Combo Head Mounting Screws

Dimensions = Inches

| Cat. No. | Trade Size | Dimensions |      |      | Inner Box | Outer Box |
|----------|------------|------------|------|------|-----------|-----------|
|          |            | A          | B    | C    |           |           |
| 15067    | 3/8"       | 2.02       | 1.64 | 1.24 | 25        | 250       |

## Anti-Short Bushings



- Insulates conductor from cut armor ends on flexible BX or Greenfield conduit
- Inserted into I.D. at termination point
- Overlapping horizontal flange protects against sharp metal edges
- Tapered design assures fast insertion
- Extra length assures positive grip
- Polypropylene material resists weather extremes oil, moisture and chemicals
- Rated up to 194°F

Dimensions = Inches

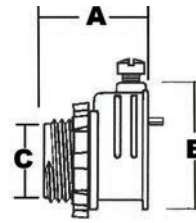
| Cat. No. | Size | Cable Sizes                  | Dimensions |        |       |       | Bag Qty |
|----------|------|------------------------------|------------|--------|-------|-------|---------|
|          |      |                              | A          | B      | C     | D     |         |
| 21752    | 0    | 14/2, 14/3, 12/2             | .56"       | .671"  | .38"  | .312" | 35      |
| 21753    | 1    | 14/4, 12/3, 6/1, 4/1         | .65"       | .671"  | .45"  | .312" | 35      |
| 21754    | 2    | 12/4, 10/2, 10/3, 2/1        | .61"       | .859"  | .58"  | .125" | 35      |
| 21755    | 3    | 10/4, 8/2, 8/3, 1/1          | .67"       | 1.046" | .79"  | .109" | 20      |
| 21756    | 4    | 8/4, 6/4, 6/3, 6/2, 4/3, 4/2 | .83"       | 1.266" | 1.00" | .156" | 16      |

## BX/Flex Set Screw Box Connectors - Zinc Die Cast

- Use to connect 14/2 BX cable to a Steel Box or other Metal Enclosure
- Suitable for #14-2 Steel armored cable
- 3/8" size - fits 1/2" Knockout
- Furnished with Zinc Die-Cast locknuts
- Combo Head Screws

Dimensions = Inches

| Cat. No. | Trade Size | Dimensions |     |     | Inner Box | Outer Box |
|----------|------------|------------|-----|-----|-----------|-----------|
|          |            | A          | B   | C   |           |           |
| 15052    | 3/8"       | .79        | .97 | .39 | 50        | 500       |

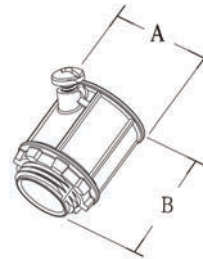


## Flex Angled Set Screw Box Connectors - Zinc Die Cast

- Use to connect Steel or Aluminum Flexible Metallic Conduit to a Steel Box or other Metal Enclosure
- Angled Combo Head Set Screw for Easy Access
- Furnished with Die Cast Zinc locknuts

Dimensions = Inches

| Cat. No. | Trade Size | Dimensions |      | Inner Box | Outer Box |
|----------|------------|------------|------|-----------|-----------|
|          |            | A          | B    |           |           |
| 15055    | 3/8"       | .95        | 1.00 | 40        | 400       |
| 15053    | 1/2"       | 1.20       | 1.46 | 25        | 250       |
| 15054    | 3/4"       | 1.33       | 1.56 | 25        | 250       |

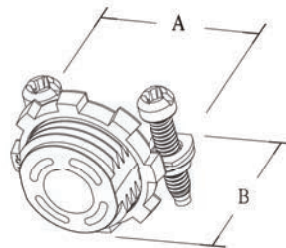


## Flex 2 Set Screw - Strap Type Multi-Purpose Box Connectors

- Terminate flexible metallic conduit FMC, AC, MC, or NM cable to a Steel box or other enclosure:
  - 14/2, 12/2 or 12/3 NM Cable
  - 14/2 Thru 12/4 AC or MC Cable
  - 3/8" FMC
- 3/8" Trade Size fits a 1/2" knockout
- Male Hub - NPSM Thread
- Combination Head Screws
- Zinc Die Cast

Dimensions = Inches

| Cat. No. | Trade Size | Dimensions |      | Inner Box | Outer Box |
|----------|------------|------------|------|-----------|-----------|
|          |            | A          | B    |           |           |
| 15058    | 3/8"       | 0.78       | 0.35 | 100       | 1,000     |

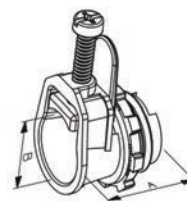


## Flex Saddle Box Connector For AC & MC Flex Conduits - Zinc

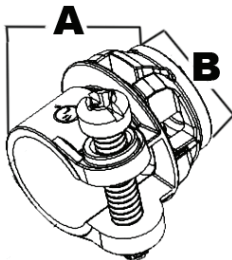
- Use to connect flexible metal conduit, AC, MC and NM sheathed cable to a Steel Box or other Metal Enclosure
- 3/8" size fits 1/2" knockout
- End Stopped
- Combo Head Screws
- Zinc Die Cast

Dimensions = Inches

| Cat. No. | Trade Size | Dimensions |         |         | Inner Box | Outer Box |
|----------|------------|------------|---------|---------|-----------|-----------|
|          |            | A          | B (min) | B (max) |           |           |
| 15060    | 3/8"       | 0.93       | 0.40    | 0.50    | 500       | 500       |



## Straight Squeeze Box Connectors



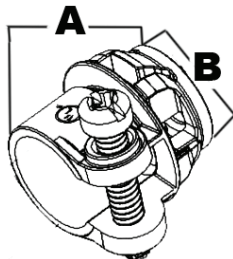
- Used with a locknut to terminate steel or aluminum Flexible Metal Conduit, Armored Cable & MC to enclosure
- Assembled with Zinc Die Cast Locknut & Combo Screws

| Cat. No.      | Trade Size | Dimensions |      | Inner Box | Outer Box |
|---------------|------------|------------|------|-----------|-----------|
|               |            | A          | B    |           |           |
| <b>15110</b>  | 3/8"       | 1.15       | .35  | 50        | 500       |
| <b>15111</b>  | 1/2"       | 1.44       | .59  | 25        | 250       |
| <b>15112</b>  | 3/4"       | 1.58       | .77  | 25        | 250       |
| <b>15113</b>  | 1"         | 1.76       | .98  | -         | 100       |
| <b>15114*</b> | 1-1/4"     | 1.87       | 1.21 | -         | 100       |
| <b>15115*</b> | 1-1/2"     | 2.01       | 1.41 | -         | 50        |
| <b>15116*</b> | 2"         | 2.09       | 1.95 | 4         | 40        |
| <b>15117*</b> | 2-1/2"     | 2.85       | 2.32 | -         | 10        |
| <b>15118*</b> | 3"         | 2.24       | 2.82 | -         | 10        |
| <b>15119*</b> | 3-1/2"     | 4.06       | 3.28 | -         | 10        |
| <b>15120*</b> | 4"         | 4.16       | 3.76 | -         | 10        |

\* Flexible Metal Conduit Only

Dimensions = Inches

## Straight Squeeze Box Connectors - Insulated Throat



- Used with a locknut to terminate steel or aluminum Flexible Metal Conduit, Armored Cable & MC to Enclosure
- Insulated Throat
- Assembled with Zinc Die Cast Locknut & Combo screws

| Cat. No.      | Trade Size | Dimensions |      | Inner Box | Outer Box |
|---------------|------------|------------|------|-----------|-----------|
|               |            | A          | B    |           |           |
| <b>15121</b>  | 1/2"       | 1.44       | .54  | 25        | 250       |
| <b>15122</b>  | 3/4"       | 1.58       | .70  | 25        | 250       |
| <b>15123</b>  | 1"         | 1.76       | .92  | 10        | 100       |
| <b>15124*</b> | 1-1/4"     | 1.87       | 1.65 | 10        | 100       |
| <b>15125*</b> | 1-1/2"     | 2.01       | 1.97 | 5         | 50        |
| <b>15126*</b> | 2"         | 2.09       | 2.47 | 4         | 40        |
| <b>15127*</b> | 2-1/2"     | 2.85       | 2.32 | -         | 18        |
| <b>15128*</b> | 3"         | 2.24       | 2.82 | -         | 12        |
| <b>15129*</b> | 3-1/2"     | 4.06       | 3.28 | -         | 8         |
| <b>15130*</b> | 4"         | 4.24       | 3.76 | -         | 8         |

Flexible Metal Conduit Only

Dimensions = Inches



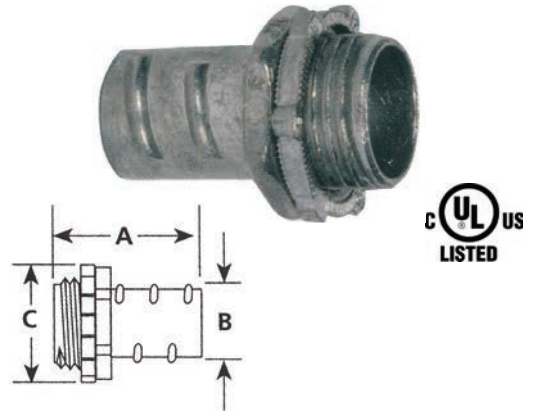


## Screw-In Connector For Greenfield/Flex Conduit

- Use to connect Flexible Metallic Conduit to steel outlet box, load center or other metal enclosure
- Zinc Die Cast
- Assembled with Zinc Die Cast locknut

| Cat. No. | Trade Size | Dimensions |      |      | Inner Box | Outer Box |
|----------|------------|------------|------|------|-----------|-----------|
|          |            | A          | B    | C    |           |           |
| 15070    | 3/8"       | 1.22       | .38  | 1.1  | 80        | 800       |
| 15071    | 1/2"       | 1.30       | .64  | 1.1  | 60        | 600       |
| 15072    | 3/4"       | 1.52       | .81  | 1.38 | 35        | 350       |
| 15073    | 1"         | 1.87       | 1.00 | 1.70 | 15        | 150       |
| 15074    | 1-1/4"     | 2.13       | 1.27 | 2.1  | 10        | 100       |
| 15075    | 1-1/2"     | 2.32       | 1.51 | 2.42 | 6         | 60        |
| 15076    | 2"         | 2.48       | 2.02 | 2.98 | 3         | 30        |

Dimensions = Inches

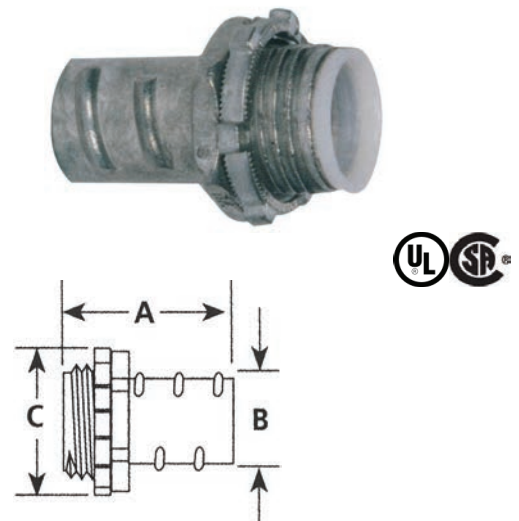


## Screw-In Connector Insulated Throat For Greenfield/Flex Conduit

- Use to connect Flexible Metallic Conduit to steel outlet box, load center or other metal enclosure
- Insulated Throat
- Zinc Die Cast
- Assembled with Zinc Die Cast locknut

| Cat. No. | Trade Size | Dimensions |        |      | Inner Box | Outer Box |
|----------|------------|------------|--------|------|-----------|-----------|
|          |            | A          | B (OD) | C    |           |           |
| 15077    | 3/8"       | 1.26       | .38    | 1.10 | 80        | 800       |
| 15078    | 1/2"       | 1.34       | .64    | 1.10 | 60        | 600       |
| 15079    | 3/4"       | 1.56       | .81    | 1.38 | 35        | 350       |
| 15080    | 1"         | 1.91       | 1.00   | 1.70 | 15        | 150       |
| 15081    | 1-1/4"     | 2.17       | 1.27   | 2.10 | 10        | 100       |
| 15082    | 1-1/2"     | 2.36       | 1.51   | 2.42 | 6         | 60        |
| 15083    | 2"         | 2.52       | 2.02   | 2.98 | 3         | 30        |

Dimensions = Inches

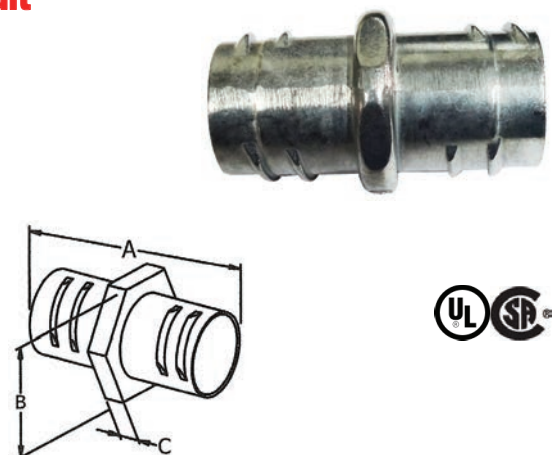


## Screw-In Couplings For Greenfield/Flex Conduit

- Use to connect two pieces of Flexible Metal Conduit
- Zinc Die Cast

| Cat. No. | Trade Size | Dimensions |      |     | Inner Box | Outer Box |
|----------|------------|------------|------|-----|-----------|-----------|
|          |            | A          | B    | C   |           |           |
| 15084    | 1/2"       | 1.81       | .91  | .20 | 40        | 400       |
| 15085    | 3/4"       | 2.09       | 1.10 | .24 | 25        | 250       |
| 15086    | 1"         | 2.40       | 1.36 | .32 | 15        | 150       |
| 15087    | 1-1/4"     | 2.76       | 1.66 | .32 | 10        | 100       |
| 15088    | 1-1/2"     | 3.08       | 1.93 | .32 | 6         | 60        |
| 15089    | 2"         | 3.32       | 2.48 | .32 | 3         | 30        |

Dimensions = Inches



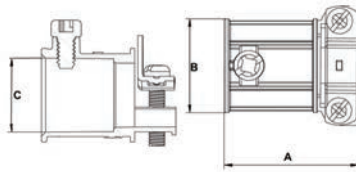
## EMT to BX or NM Cable Combination Set Screw Couplings



- Set Screw 1/2" EMT to 2 Screw 3/8" BX/NM Cable
- Used on EMT Conduit, BX cable, NM cable
- They allow a quick connection between different conduits to create one continuous raceway
- Zinc Die Cast

| Cat. No.     | Trade Size | Dimensions |     |     | Inner Box | Outer Box |
|--------------|------------|------------|-----|-----|-----------|-----------|
|              |            | A          | B   | C   |           |           |
| <b>15411</b> | 1/2"       | 1.33       | .93 | .73 | 50        | 500       |

Dimensions = Inches



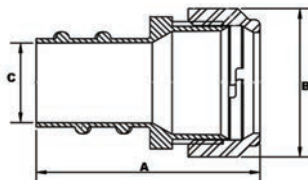
## EMT to Greenfield Combination Compression Couplings



- To join EMT to Flexible Metallic Conduit
- Compression for EMT and Screw-In for Flex Conduit
- Zinc Die Cast

| Cat. No.     | Trade Size | Dimensions |      |     | Inner Box | Outer Box |
|--------------|------------|------------|------|-----|-----------|-----------|
|              |            | A          | B    | C   |           |           |
| <b>15420</b> | 1/2"       | 1.61       | .98  | .57 | 50        | 500       |
| <b>15421</b> | 3/4"       | 1.87       | 1.20 | .73 | 25        | 250       |
| <b>15422</b> | 1"         | 1.96       | 1.43 | .92 | 10        | 100       |

Dimensions = Inches



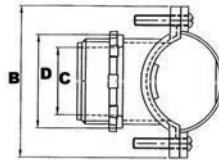
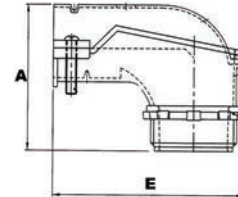
### Squeeze Box Connectors 90°

- Used with a locknut to Terminate Steel or Aluminum Flexible Metal Conduit, AC and MC Cable to a steel outlet box or other metal enclosure
- Assembled with Zinc Die Cast Locknut & Combo Screws

| Cat. No. | Trade Size | Dimensions |      |      |      |      | Inner Box | Outer Box |
|----------|------------|------------|------|------|------|------|-----------|-----------|
|          |            | A          | B    | C    | D    | E    |           |           |
| 15131    | 3/8"       | 1.22       | 1.34 | .63  | .97  | 1.75 | 50        | 500       |
| 15132    | 1/2"       | 1.50       | 1.65 | .63  | .97  | 2.12 | 25        | 250       |
| 15133    | 3/4"       | 1.58       | 1.89 | .86  | 1.20 | 2.35 | 10        | 100       |
| 15134    | 1"         | 2.26       | 2.38 | 1.04 | 1.45 | 2.77 | 5         | 50        |
| 15135*   | 1-1/4"     | 2.76       | 2.68 | 1.42 | 1.86 | 3.89 | 10        | 40        |
| 15136*   | 1-1/2"     | 4.06       | 3.76 | 1.58 | 2.32 | 6.01 | 2         | 12        |
| 15137*   | 2"         | 4.08       | 3.76 | 2.07 | 2.66 | 6.01 | 2         | 12        |
| 15138*   | 2-1/2"     | 6.90       | 5.40 | 2.50 | 3.07 | 6.80 | -         | 10        |
| 15139*   | 3"         | 7.80       | 5.70 | 3.15 | 3.71 | 7.89 | -         | 6         |
| 15140*   | 3-1/2"     | 9.40       | 7.52 | 3.46 | 4.53 | 5.66 | -         | 3         |
| 15141*   | 4"         | 10.50      | 8.28 | 3.94 | 5.04 | 9.78 | -         | 3         |

\* Flexible Metal Conduit Only

Dimensions = Inches



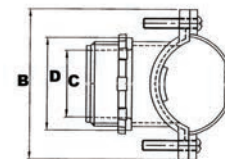
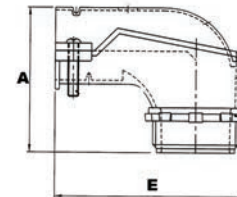
### Squeeze Box Connectors 90° Degree – Insulated Throat

- Used with a locknut to Terminate Steel or Aluminum Flexible Metal Conduit, AC and MC Cable to a steel outlet box or other metal enclosure
- Insulated Throat
- Assembled with Zinc Die Cast Locknut & Combo Screws

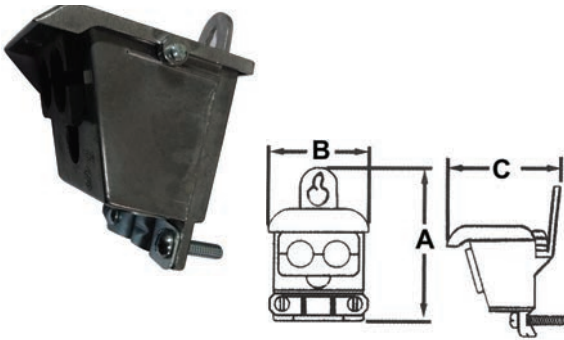
| Cat. No. | Trade Size | Dimensions |      |      |      |       | Inner Box | Outer Box |
|----------|------------|------------|------|------|------|-------|-----------|-----------|
|          |            | A          | B    | C    | D    | E     |           |           |
| 15142    | 3/8"       | 1.26       | 1.34 | .55  | .97  | 1.81  | 50        | 500       |
| 15143    | 1/2"       | 1.54       | 1.65 | .55  | .97  | 2.18  | 25        | 250       |
| 15144    | 3/4"       | 1.61       | 1.89 | .73  | 1.20 | 2.41  | 10        | 100       |
| 15145    | 1"         | 2.26       | 2.38 | .96  | 1.46 | 2.83  | 5         | 50        |
| 15146*   | 1-1/4"     | 2.82       | 2.68 | 1.24 | 1.81 | 2.85  | 10        | 40        |
| 15147*   | 1-1/2"     | 4.08       | 3.76 | 1.44 | 2.32 | 6.01  | 2         | 12        |
| 15148*   | 2"         | 4.08       | 3.76 | 1.89 | 2.58 | 6.01  | 2         | 12        |
| 15149*   | 2-1/2"     | 6.90       | 5.40 | 2.30 | 3.07 | 6.875 | -         | 6         |
| 15150*   | 3"         | 7.80       | 5.70 | 2.95 | 3.70 | 7.97  | -         | 4         |
| 15151*   | 3-1/2"     | 9.40       | 7.52 | 3.27 | 4.53 | 5.57  | -         | 3         |
| 15152*   | 4"         | 10.50      | 8.26 | 3.74 | 5.04 | 9.86  | -         | 3         |

\* Flexible Metal Conduit Only

Dimensions = Inches



# Aluminum Service Entrance Caps - SEU Cable

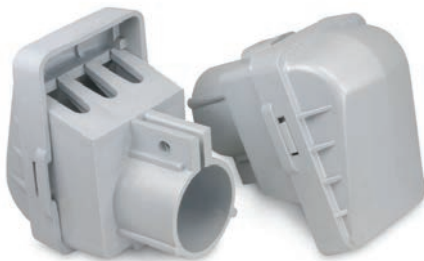


- Used with Type U Service Entrance Cable
- Removable Cap and 2 Piece Insulator Make Wire Pulling and Assembly Easy
- Cable Clamp
- Suitable for Outdoor use

| Cat. No.     | Cable Size    | Dimensions |      |      | Box Qty |
|--------------|---------------|------------|------|------|---------|
|              |               | A          | B    | C    |         |
| <b>15502</b> | (3)#8 to #1   | 2.96       | 2.76 | 2.59 | 175     |
| <b>15504</b> | (3)1/0 to 4/0 | 4.48       | 3.79 | 3.60 | 54      |

Dimensions = Inches

# PVC Entrance Caps - Conduit Mount



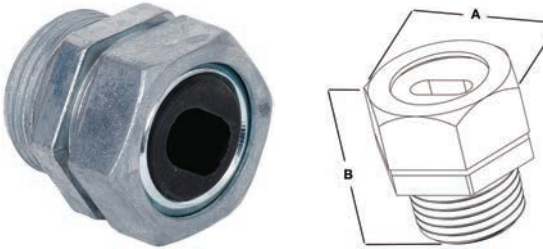
- Entrance head for mounting on PVC, RIGID, IMC and EMT Conduit (Red adaptor included for EMT)
- Rugged Non-Metallic Design is resistant to adverse weather conditions
- Provides 50% Larger Wiring Compartment than other entrance heads
- Entire Head acts as an Insulator of high dielectric strength

| Cat. No.     | Size   | Dimensions |      |      |      |      |      |      |      |     | Box Qty |
|--------------|--------|------------|------|------|------|------|------|------|------|-----|---------|
|              |        | A          | B    | C    | D    | E    | F    | G    | H    | J   |         |
| <b>21782</b> | 1/2"   | 2.00       | 2.71 | 1.50 | 1.97 | .69  | .94  | .86  | 2.61 | .31 | 200     |
| <b>21783</b> | 3/4"   | 2.41       | 2.30 | 1.72 | 2.23 | .81  | .94  | 1.07 | 1.25 | .44 | 140     |
| <b>21784</b> | 1"     | 2.41       | 2.30 | 1.97 | 2.23 | .81  | 1.13 | 1.33 | 1.31 | .44 | 140     |
| <b>21785</b> | 1-1/4" | 3.03       | 4.03 | 2.34 | 2.66 | .88  | 1.09 | 1.68 | 1.89 | .53 | 75      |
| <b>21786</b> | 1-1/2" | 3.50       | 4.03 | 2.59 | 2.63 | .88  | 1.13 | 1.92 | 2.13 | .63 | 75      |
| <b>21787</b> | 2"     | 4.53       | 6.31 | 3.38 | 3.81 | 1.44 | 1.63 | 2.39 | 2.69 | .75 | 20      |

Dimensions = Inches

## Water-Tight Service Entrance Connectors - Zinc Die-Cast

- Compression Type SEU Connector
- Used to Connect Service Entrance Cable to a Service Enclosure in Wet Locations
- Accepts 2 Insulated Conductors, 1 Bare
- U/Flat Style Conductor Only
- Assembled with Rubber Grommet and Steel Washer
- Locknut Included

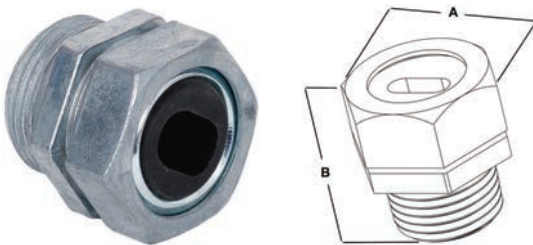


Dimensions = Inches

| Cat. No. | Trade Size | Cable Size | Max Grommet Opening |       | Overall Dimensions |      | Inner Box | Outer Box |
|----------|------------|------------|---------------------|-------|--------------------|------|-----------|-----------|
|          |            |            | Length              | Width | A                  | B    |           |           |
| 15370    | 1"         | #8         | .67                 | .40   | 1.67               | 1.45 | 20        | 100       |
| 15371    | 1"         | #6         | .77                 | .50   | 1.67               | 1.45 | 20        | 100       |
| 15372    | 1"         | #4         | .81                 | .53   | 1.67               | 1.45 | 20        | 100       |
| 15373    | 1-1/4"     | #3         | .92                 | .56   | 2.05               | 1.80 | 10        | 50        |
| 15374    | 1-1/4"     | #2         | .98                 | .59   | 2.05               | 1.80 | 10        | 50        |
| 15375    | 1-1/4"     | #1         | 1.09                | .65   | 2.05               | 1.80 | 10        | 50        |
| 15377    | 1-1/2"     | #2/0       | 1.34                | .86   | 2.31               | 2.02 | 10        | 50        |
| 15379    | 2"         | #2/0       | 1.34                | .86   | 2.82               | 2.39 | 5         | 25        |
| 15380    | 2"         | #3/0       | 1.37                | .87   | 2.82               | 2.39 | 5         | 25        |
| 15381    | 2"         | #4/0       | 1.50                | .90   | 2.82               | 2.39 | 5         | 25        |
| 15382    | 2"         | #4/0       | 1.73                | 1.11  | 2.82               | 2.39 | 5         | 25        |



## Underground Feed UF To Box Connector - Zinc Die Cast



Dimensions = Inches

| Cat. No. | Trade Size | Cable Size            | Max Grommet Opening |       | Overall Dimensions |      | Inner Box | Outer Box |
|----------|------------|-----------------------|---------------------|-------|--------------------|------|-----------|-----------|
|          |            |                       | Length              | Width | A                  | B    |           |           |
| 15386    | 1/2"       | 14/2, 12/2, 10/2      | .475                | .235  | 1.22               | 1.14 | 25        | 250       |
| 15387    | 3/4"       | 14/3, 12/3, 10/3, 8/2 | .720                | .260  | 1.34               | 1.20 | 25        | 250       |

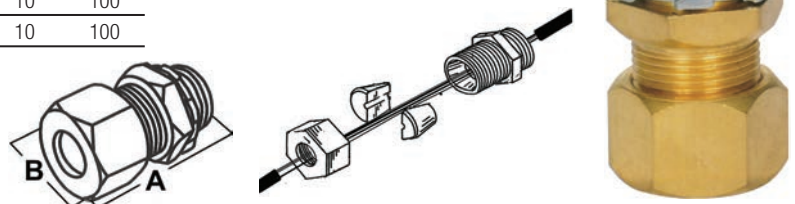
- Used to Connect Underground Feeder Cables (UF) To Weatherproof Enclosures in Wet Locations.
- Assembled with a Rubber Grommet and Steel Washer
- Sealing Locknut System

## Kenny Clamps

| Cat. No. | Model No. | Trade Size     | Dimensions |      | Inner Box | Outer Box |
|----------|-----------|----------------|------------|------|-----------|-----------|
|          |           |                | A          | B    |           |           |
| 15390    | KC8ST     | 8 Awg Stranded | 1.75       | 1.06 | 10        | 100       |
| 15391    | KC8SO     | 8 Awg Solid    | 1.75       | 1.06 | 10        | 100       |
| 15392    | KC6SO     | 6 Awg Solid    | 1.75       | 1.06 | 10        | 100       |
| 15393    | KC6ST     | 6 Awg Stranded | 1.75       | 1.06 | 10        | 100       |
| 15394    | KC4SO     | 4 Awg Solid    | 1.75       | 1.06 | 10        | 100       |
| 15395    | KC4ST     | 4 Awg Stranded | 1.75       | 1.06 | 10        | 100       |
| 15396    | KC2ST     | 2 Awg Stranded | 1.75       | 1.06 | 10        | 100       |
| 15397    | KC1AST    | 1/0 Stranded   | 1.75       | 1.06 | 10        | 100       |
| 15398    | KC2AST    | 2/0 Stranded   | 1.75       | 1.06 | 10        | 100       |
| 15399    | KC3AST    | 3/0 Stranded   | 1.75       | 1.06 | 10        | 100       |

Dimensions = Inches

- UL 467 listed connector for use with Equipment Ground Conductors, Ground Electrode Conductors and Bonding Jumpers
- The Kenny Clamp bonds the enclosure of a service panelboard, load center, separately derived system or switchboard to the grounding electrode conductor per the requirements of NEC 250.8; 312.5(A); 250.53 D(2); 250.52 (A)(1); 250.52(A)(3); 250.66; 250.104 (D)(1); 250.24; 450.10(A)
- Assures good metallic connection and low impedance path for grounding and bonding of electrical equipment
- 12,000 Amp listed and tested
- Brass





## 1 Hole EMT Pipe Straps - Steel



- Secures EMT Conduit
- Reinforced Rib for Extra Strength
- Reinforced Hole
- Snap-On Installation
- 3", 3-1/2" & 4" Fits EMT, Rigid or IMC conduit
- Zinc Plated Steel

Dimensions = Inches

| Cat. No.      | Trade Size | Inner Box | Outer Box |
|---------------|------------|-----------|-----------|
| <b>19400</b>  | 1/2"       | 100       | 1000      |
| <b>19401</b>  | 3/4"       | 100       | 1000      |
| <b>19402</b>  | 1"         | 100       | 500       |
| <b>19403</b>  | 1-1/4"     | 25        | 250       |
| <b>19404</b>  | 1-1/2"     | 20        | 100       |
| <b>19405</b>  | 2"         | 10        | 100       |
| <b>19431*</b> | 3"         | -         | 10        |
| <b>19432*</b> | 3-1/2"     | -         | 10        |
| <b>19433*</b> | 4"         | -         | 10        |

\*Suitable for EMT, Rigid or IMC conduit



## 2 Hole EMT Pipe Straps - Steel



- Secures EMT Conduit
- Reinforced Rib for Extra Strength
- 2 Hole - Reinforced Holes
- Snap-On Installation
- Zinc Plated Steel

Dimensions = Inches

| Cat. No.     | Trade Size | Inner Box | Outer Box |
|--------------|------------|-----------|-----------|
| <b>19412</b> | 1/2"       | 100       | 1,000     |
| <b>19413</b> | 3/4"       | 50        | 500       |
| <b>19414</b> | 1"         | 25        | 250       |
| <b>19415</b> | 1-1/4"     | 25        | 250       |
| <b>19416</b> | 1-1/2"     | 10        | 100       |
| <b>19417</b> | 2"         | 5         | 50        |



## 1 Hole Rigid Pipe Straps - Heavy Duty - Steel



- Secures Rigid & IMC Conduit
- Reinforced Rib for Extra Strength
- Reinforced Hole
- Snap-On Installation
- 3", 3-1/2", 4" Fits EMT, Rigid or IMC conduit
- Zinc Plated Steel

Dimensions = Inches

| Cat. No.      | Trade Size | Inner Box | Outer Box |
|---------------|------------|-----------|-----------|
| <b>19424</b>  | 1/2"       | 100       | 1,000     |
| <b>19425</b>  | 3/4"       | 50        | 500       |
| <b>19426</b>  | 1"         | 25        | 250       |
| <b>19427</b>  | 1-1/4"     | 25        | 250       |
| <b>19428</b>  | 1-1/2"     | 20        | 200       |
| <b>19429</b>  | 2"         | 10        | 100       |
| <b>19430</b>  | 2-1/2"     | 5         | 50        |
| <b>19431*</b> | 3"         | -         | 10        |
| <b>19432*</b> | 3-1/2"     | -         | 10        |
| <b>19433*</b> | 4"         | -         | 10        |

Suitable for EMT, Rigid or IMC conduit



## 2 Hole Rigid Pipe Straps - Steel



- Secures Rigid & IMC Conduit
- Reinforced Rib for Extra Strength
- Reinforced Holes
- Snap-On Installation
- Zinc Plated Steel

Dimensions = Inches

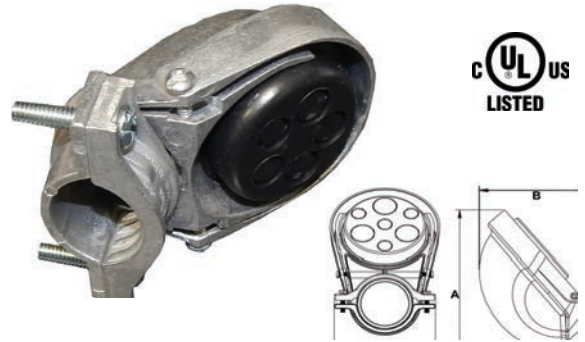
| Cat. No.     | Trade Size | Inner Box | Outer Box |
|--------------|------------|-----------|-----------|
| <b>19436</b> | 1/2"       | 100       | 1,000     |
| <b>19437</b> | 3/4"       | 50        | 500       |
| <b>19438</b> | 1"         | 25        | 250       |
| <b>19439</b> | 1-1/4"     | 20        | 200       |
| <b>19440</b> | 1-1/2"     | 10        | 100       |
| <b>19441</b> | 2"         | 5         | 50        |
| <b>19442</b> | 2-1/2"     | -         | 50        |
| <b>19443</b> | 3"         | -         | 50        |
| <b>19444</b> | 4"         | -         | 10        |



### Aluminum Service Entrance Cap - Clamp On

Dimensions = Inches

| Cat. No. | Trade Size | Dimensions |      |      | Inner Box | Outer Box |
|----------|------------|------------|------|------|-----------|-----------|
|          |            | A          | B    | C    |           |           |
| 15520    | 1/2"       | 2.68       | 2.50 | 2.19 | -         | 100       |
| 15521    | 3/4"       | 3.04       | 2.76 | 2.39 | -         | 100       |
| 15522    | 1"         | 3.48       | 2.96 | 2.58 | -         | 100       |
| 15523    | 1-1/4"     | 4.22       | 3.27 | 3.06 | -         | 60        |
| 15524    | 1-1/2"     | 5.22       | 4.28 | 3.49 | -         | 60        |
| 15525    | 2"         | 6.68       | 5.81 | 4.33 | -         | 30        |
| 15526    | 2-1/2"     | 9.94       | 7.05 | 6.54 | 1         | 4         |
| 15527    | 3"         | 11.69      | 8.54 | 6.93 | 1         | 4         |
| 15528    | 3-1/2"     | 11.69      | 8.54 | 7.28 | 1         | 4         |
| 15529    | 4"         | 11.69      | 8.54 | 7.86 | 1         | 4         |

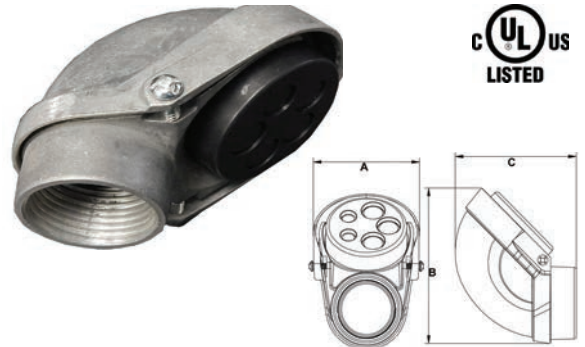


- Clamp-on type head used with Rigid conduit, IMC or E.M.T. for pulling service drop conductors
- Cast Aluminum
- Bar type Clamp
- Heavy pressure clamp in body
- Weather resistant
- Assembled with electrical grade phenolic insulator with multiple holes

### Aluminum Service Entrance Cap - Conduit Mount Threaded

Dimensions = Inches

| Cat. No. | Trade Size | Dimensions |       |      | Inner Box | Outer Box |
|----------|------------|------------|-------|------|-----------|-----------|
|          |            | A          | B     | C    |           |           |
| 15530    | 1/2"       | 1.97       | 2.68  | 2.29 | -         | 100       |
| 15531    | 3/4"       | 2.13       | 3.04  | 2.66 | -         | 100       |
| 15532    | 1"         | 2.36       | 3.48  | 2.96 | -         | 100       |
| 15533    | 1-1/4"     | 2.68       | 4.22  | 3.11 | -         | 60        |
| 15534    | 1-1/2"     | 3.39       | 5.22  | 4.06 | -         | 60        |
| 15535    | 2"         | 4.33       | 6.69  | 5.28 | -         | 30        |
| 15536    | 2-1/2"     | 6.30       | 9.94  | 6.69 | 1         | 4         |
| 15537    | 3"         | 7.99       | 11.69 | 8.08 | 1         | 4         |
| 15538    | 3-1/2"     | 7.99       | 11.69 | 8.08 | 1         | 4         |
| 15539    | 4"         | 7.99       | 11.69 | 8.08 | 1         | 4         |



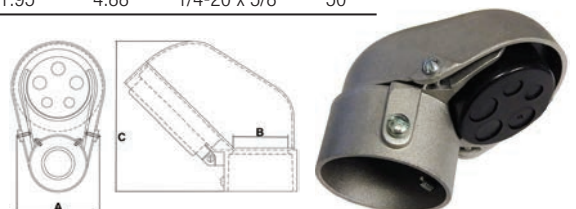
- Conduit Mount Head used with Rigid or IMC for Pulling Service Entrance Conductors
- Weather Resistant
- Assembled with Electrical Grade Phenolic Insulator with multiple holes

### Aluminum Service Entrance Cap - Slip Fitter Mast Head

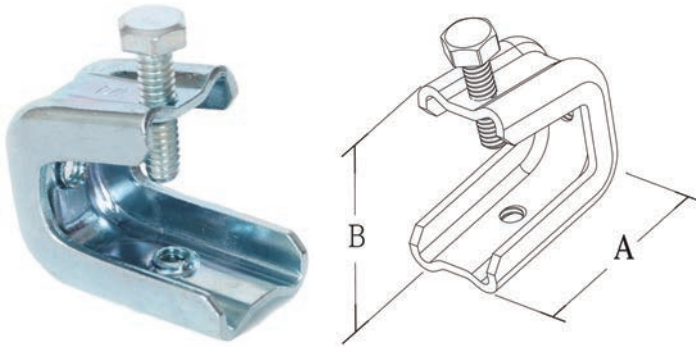
- Slip Fitter Mast Head used with Rigid or IMC Conduit for Pulling Service Drop conductors
- Cast Aluminum
- Mast type Clamp
- Screw does not bear directly on conduit
- Weather Resistant
- Assembled with electrical grade phenolic insulator with multiple holes

| Cat. No. | Conduit Size | Insulator Cap Size | Dimensions |      |      | Set Screw    | Box Qty |
|----------|--------------|--------------------|------------|------|------|--------------|---------|
|          |              |                    | A          | B    | C    |              |         |
| 15540    | 2"           | 1-1/4"             | 3.46       | 1.95 | 3.75 | 1/4-20 x 5/8 | 50      |
| 15541    | 2-1/2"       | 1-1/4"             | 3.46       | 1.95 | 3.75 | 1/4-20 x 1/2 | 50      |
| 15542    | 2-1/2"       | 2"                 | 4.68       | 1.95 | 4.88 | 1/4-20 x 5/8 | 50      |

Dimensions = Inches



# Beam Clamps Universal



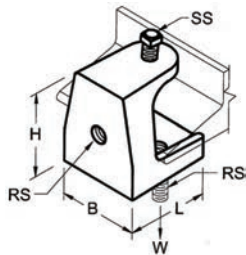
- Used with Conduit Hangers, Bridle Rings and Threaded Rod
- Tapped for Rods - bottom and back
- Case Hardened Steel Set Screw tapped at an angle - locks on beam
- Zinc Plated Steel



Dimensions = Inches

| Cat. No.     | Fits Flange | Bottom & Back Threads | Static Load Limit Bottom Hole Only | Screw Dimensions | A    | B    | Inner Box | Master Box |
|--------------|-------------|-----------------------|------------------------------------|------------------|------|------|-----------|------------|
| <b>17468</b> | 1/2         | 1/4-20                | 75 lbs                             | 1/4-20 x 1"      | 1.69 | 1.66 | 25        | 250        |
| <b>17469</b> | 3/4         | 3/8-16                | 200 lbs                            | 5/16-18 x 1-3/8" | 2.15 | 2.01 | -         | 50         |

# Malleable Iron Rod Support Beam Clamp



- Used with Conduit Hangers, Bridle Rings & Drop Rods. 1/4" to 1/2"
- Tapped for Rods - bottom and back on all sizes
- Malleable Iron - Zinc plated

Dimensions = Inches

| Cat. No.     | Jaw Opening | Rod Size (RS) | Set Screw Size | Max Load (W) | B     | L     | H     | Box Qty |
|--------------|-------------|---------------|----------------|--------------|-------|-------|-------|---------|
| <b>17472</b> | 3/4"        | 1/4"-20       | 5/16"-18       | 125 lbs.     | 1.18" | 1.38" | 1.38" | 50      |
| <b>17474</b> | 7/8"        | 3/8"-16       | 1/2"-13        | 300 lbs.     | 2.00" | 1.87" | 1.75" | 50      |
| <b>17476</b> | 1-1/8"      | 1/2"-13       | 1/2"-13        | 750 lbs.     | 2.50" | 2.37" | 2.14" | 25      |

### BX 1 Hole Strap



- These one-hole pipe straps are ideal for hanging tubing, pipe, conduit and BX cable
- Pre-galvanized zinc plated steel

| Cat. No. | Cable Size  | Box Qty |
|----------|---|---------|
| 19464    | EMT: 1/2", Rigid: 1/4",<br>BX: 12-3,10-2,10-3 SER 8 | 100     |



### Conduit Hanger with Bolt



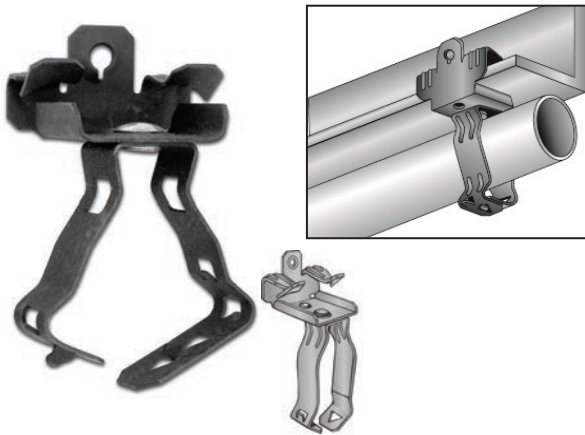
- Secures EMT or Rigid Conduit to any mounting surface, Threaded Rod or Insulated Supports
- Zinc Plated Steel

Dimensions = Inches

| Cat. No. | Trade Size                 | Outer Box |
|----------|----------------------------|-----------|
| 19470    | 1/2"                       | 100       |
| 19471    | 3/4"                       | 100       |
| 19472    | 1"                         | 100       |
| 19473    | 1-1/4"                     | 100       |
| 19474    | 1-1/4" Rigid to 1-1/2" EMT | 100       |
| 19475    | 1-1/2"                     | 100       |
| 19476    | 2"                         | 50        |
| 19477    | 2-1/2"                     | 25        |
| 19478    | 3"                         | 25        |
| 19479    | 3-1/2"                     | 25        |
| 19480    | 4"                         | 25        |



## Flange Mount Conduit Assembly - Bottom Mount - Posi-Lock



- Suspends conduit from bottom of beam
- Will pivot 360°
- Installs with hammer only

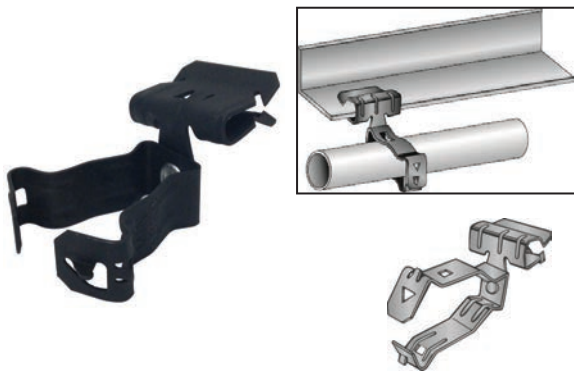
**Static Load Limit: 75 lbs**

| Cat. No. | Flange Thickness | Fits Conduit | Box Qty |
|----------|------------------|--------------|---------|
| 18200    | 1/8 to 1/4       | 3/8          | 100     |
| 18050    | 1/8 to 1/4       | 1/2 & 3/4    | 100     |
| 18202    | 1/8 to 1/4       | 1            | 100     |
| 18211    | 5/16 to 1/2      | 1/2 & 3/4    | 100     |
| 18212    | 5/16 to 1/2      | 1            | 100     |

Dimensions = Inches



## Flange Mount Conduit Assembly - Side Mount - Posi-Lock



- Suspends conduit from side of beam
- Will pivot 360°
- Installs with hammer only

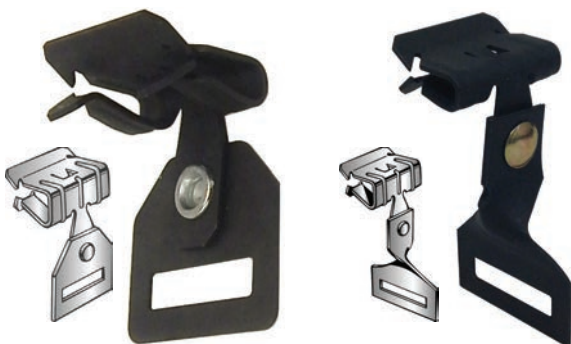
**Static Load Limit: 25 lbs**

| Cat. No. | Flange Thickness | Fits Conduit | Box Qty |
|----------|------------------|--------------|---------|
| 18230    | 1/8 to 1/4       | 3/8          | 100     |
| 18231    | 1/8 to 1/4       | 1/2 & 3/4    | 100     |
| 18232    | 1/8 to 1/4       | 1            | 100     |
| 18240    | 5/16 to 1/2      | 1/2 & 3/4    | 100     |
| 18241    | 5/16 to 1/2      | 1            | 100     |

Dimensions = Inches



## Flange Mount Strap Hangers



- Suspends Strapping Thru 1" Width
- Fits Beam Flanges from 1/8" to 3/4"
- Parallel & Right Angle Configurations
- Installs with hammer only

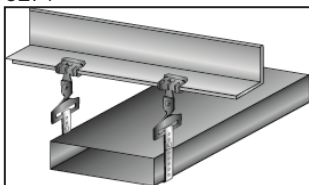
**Static Load limit: 200 lbs**

Dimensions = Inches

| Cat. No. | Flange Thickness | Type        | Box Qty |
|----------|------------------|-------------|---------|
| 18270    | 1/8 to 1/4       | Right Angle | 100     |
| 18271    | 5/16 to 1/2      | Right Angle | 100     |
| 18275    | 1/8 to 1/4       | Parallel    | 100     |
| 18276    | 5/16 to 1/2      | Parallel    | 100     |

18270-18271

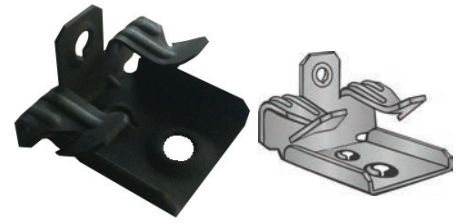
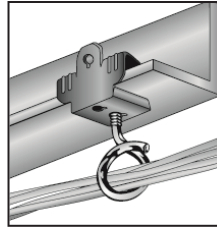
18275-18276





### Spring Steel Beam Clamps

- Can be used to suspend boxes, fixtures and bridle rings to beam flanges 1/8" to 1/2"
- Bottom & Back Tapped 1/4-20



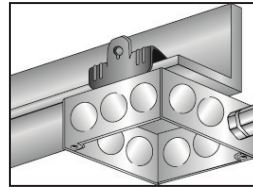
**Static Load Limit: 75 lbs to 100 lbs**  
**Front Thread 75 lbs**  
**Rear Thread 100 lbs**  
 (static load limits cannot be combined)

| Cat. No. | Flange Thickness | Box Qty |
|----------|------------------|---------|
| 18012    | 1/8-1/4          | 100     |
| 18014    | 5/16-1/2         | 100     |

Dimensions = Inches

### Spring Steel Beam Clamps - 1/4-20 X 3/8" Stud

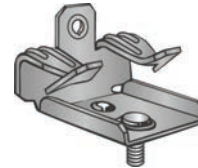
- Can be used to suspend boxes, fixtures and bridle rings to beam flanges 1/8" to 3/4"
- Beam clamp with 1/4"-20 x 3/8" staked stud used to suspend box from bottom of beam



**Static Load Limit: 75 lbs**

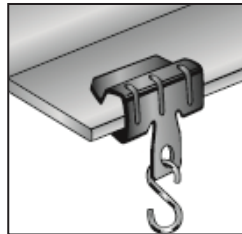
| Cat. No. | Flange Thickness | Box Qty |
|----------|------------------|---------|
| 18123    | 1/8-1/4          | 100     |
| 18124    | 5/16-1/2         | 100     |

Dimensions = Inches



### Spring Steel Beam Clamps Universal

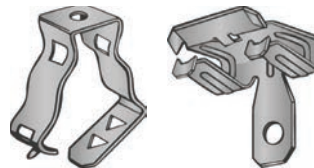
- Can be used on Bulb Tees & Beams
- Clearance for 1/4" Bolt in Tab



**Static Load Limit: 200 lbs**

| Cat. No. | Flange Thickness | Box Qty |
|----------|------------------|---------|
| 18018    | 1/8 to 1/4       | 100     |
| 18020    | 5/16 to 1/2      | 100     |
| 18152    | 9/16 to 3/4      | 100     |

Dimensions = Inches



### Spring Steel Conduit Clip

- Attach 1/2" or 3/4" Conduits
- Keyhole for Screw

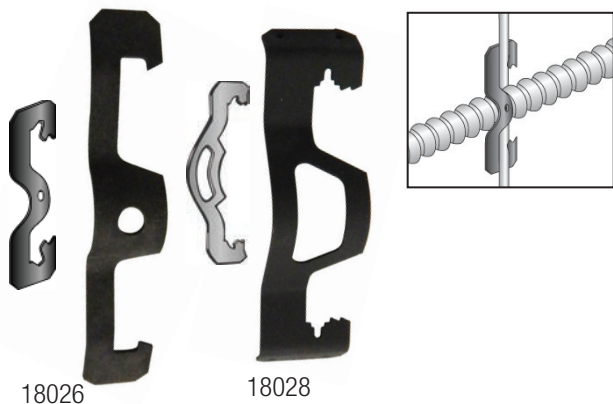


**Static Load Limit: Vertical: 100lbs**  
**Horizontal: 25lbs**

| Cat. No. | Fits Conduit | Box Qty |
|----------|--------------|---------|
| 18024    | 1/2", 3/4"   | 100     |

Dimensions = Inches

## Spring Steel Cable Clips

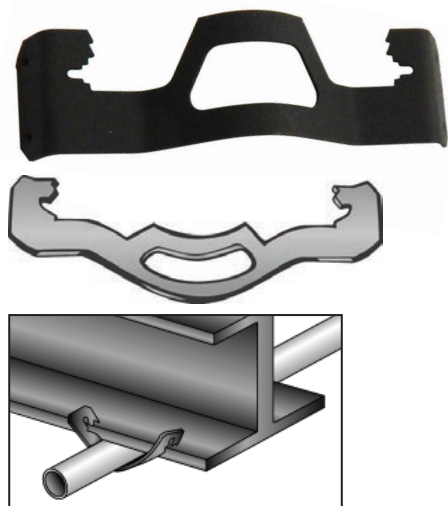


- Cable Clip for 14/2 ZThru 12/3 MC, AC, or BX
- Supports cable from #12 to #8 wire in horizontal or vertical position
- OD's from .433 to .535
- NOTE: These products are designed for positioning only
- No load rating

| Cable Size | Cat No. for #12 Wire | Cat No. for #10 Wire | Cat No. for #8 & #9 Wire | Box Qty |
|------------|----------------------|----------------------|--------------------------|---------|
| 14-2 Cable | <b>18026</b>         | <b>18026</b>         | <b>18026</b>             | 100     |
| 14-3 Cable | <b>18026</b>         | <b>18026</b>         | <b>18026</b>             | 100     |
| 12-2 Cable | <b>18026</b>         | <b>18026</b>         | <b>18026</b>             | 100     |
| 12-3 Cable | <b>18026</b>         | <b>18028</b>         | <b>18028</b>             | 100     |

Dimensions = Inches

## Spring Steel Fast Support Conduit Clips



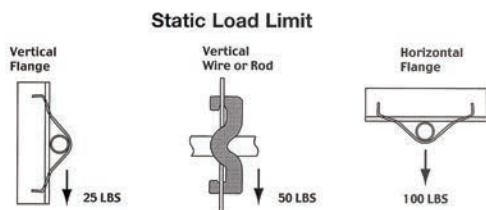
- Supports conduit & flex cable from wire, rods or flanges
- Mounts On #12 To #8 Wire
- Mounts On 3/16" to 1/4" Rod
- Mounts On 1/8" To 3/8" Flange

Dimensions = Inches

| Conduit Size | Cat No. for #10 & #12 Wire | Cat No. for #8 & #9 Wire | 3/16" to 1/4" Rod | Box Qty |
|--------------|----------------------------|--------------------------|-------------------|---------|
| 1/2" EMT     | <b>18028</b>               | <b>18028</b>             | 18028             | 100     |
| 1/2" RIGID   | <b>18028</b>               | <b>18030</b>             | 18030             | 100     |
| 3/4" EMT     | <b>18030</b>               | <b>18030</b>             | 18030             | 100     |
| 3/4" RIGID   | <b>18030</b>               | <b>18030</b>             | 18324             | 100     |
| 1" EMT       | -                          | <b>18324</b>             | 18324             | 100     |

| Conduit Size | Cat No. for 1/8"-1/4" Flange | Cat No. for 3/16"-3/8" Flange | Cat No. for 5/16"-3/8" Flange | Box Qty |
|--------------|------------------------------|-------------------------------|-------------------------------|---------|
| 1/2" EMT     | <b>18028</b>                 | <b>18030</b>                  | <b>18030</b>                  | 100     |
| 1/2" RIGID   | <b>18030</b>                 | <b>18030</b>                  | <b>18324</b>                  | 100     |
| 3/4" EMT     | <b>18030</b>                 | <b>18324</b>                  | <b>18324</b>                  | 100     |
| 3/4" RIGID   | <b>18324</b>                 | <b>18325</b>                  | <b>18325</b>                  | 100     |
| 1" EMT       | <b>18324</b>                 | <b>18325*</b>                 | <b>18325*</b>                 | 100     |
| 1" RIGID     | <b>18325*</b>                | <b>18325*</b>                 | <b>18325*</b>                 | 100     |
| 1-1/4" EMT   | <b>18325</b>                 | -                             | -                             | 100     |

\*For horizontal applications only.

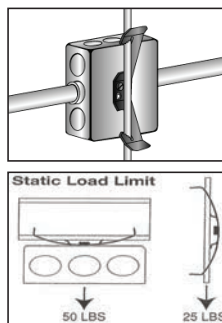


## Spring Steel Multi-Function Clip

- Attaches conduit or boxes to flanges, wire or rod
- Fits 1/8" to 3/8" flanges
- Attaches to #12 wire through 3/8" rod
- Attaches #10-24 or 1/4"-20 Threaded Bridle Rings (positioning only)

Dimensions = Inches

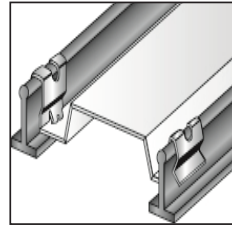
| Cat No.      | Description                                   | Box Qty |
|--------------|---|---------|
| <b>18048</b> | Clip Attaches Conduit to Flanges, Wire or Rod | 100     |



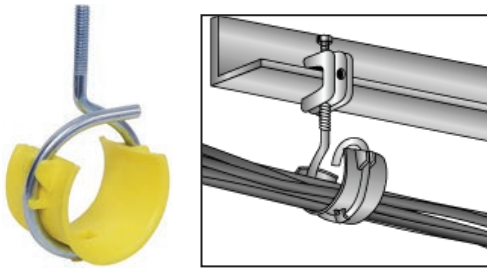
### Lighting Troffer Fastener

- Clip-On positive support for troffers and lay-in fixtures
- Complies with 2011 NEC 410.36 (B) means of support
- Fits around rectangular head T-Bars

| Cat. No. | Description             | Box Qty |
|----------|-------------------------|---------|
| 18280    | T-Bar Clip for Troffers | 100     |



## Cable Support Bridle Rings with Saddle



- Cost effective alternative to expensive cable tray
- Wide surface saddle provides support without stress for Category 5, fiber-optic, and other sensitive voice/datacomm cables
- 1/4-20 Mechanical Thread

Dimensions = Inches

| Cat. No.     | Description                    | Box Qty |
|--------------|--------------------------------|---------|
| <b>18430</b> | 1-1/2" Bridle Ring with Saddle | 50      |
| <b>18058</b> | 2" Bridle Ring w/Saddle        | 50      |
| <b>18060</b> | 4" Bridle Ring w/Saddle        | 50      |

## Bridle Rings



FIG 1



FIG 2

Dimensions = Inches

| Cat. No.     | Fig | Ring Size       | Thread | Box Qty |
|--------------|-----|-----------------|--------|---------|
| <b>18420</b> | 1   | 1" Diameter     | 10-24  | 100     |
| <b>18421</b> | 1   | 1/1/2" Diameter | 1/4-20 | 100     |
| <b>18422</b> | 1   | 2" Diameter     | 1/4-20 | 100     |

- Commonly used with Wood Beams
- Supports communications cable and other low voltage
- Zinc plated steel

| Cat. No.     | Fig | Ring Size       | Thread | Box Qty |
|--------------|-----|-----------------|--------|---------|
| <b>18425</b> | 2   | 1" Diameter     | 3/16   | 100     |
| <b>18426</b> | 2   | 1/1/2" Diameter | 1/4    | 100     |
| <b>18427</b> | 2   | 2" Diameter     | 1/4    | 100     |

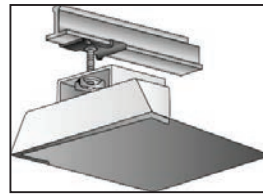
Dimensions = Inches

### Spring Steel Twist On T-Bar Hanger

- Supports electrical fixtures to T-Bar 15/16" wide
- Assembled with 1" OD wing nut washer
- 1/4"-20 stud 5/8" long with wing nut washer

Dimensions = Inches

| Cat. No. | Stud Size     | T-Bar  | Box Qty |
|----------|---------------|--------|---------|
| 18022    | 1/4-20 x 5/8" | 15/16" | 100     |

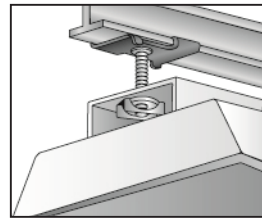


### Spring Steel Twist On T-Bar Hanger

- Mounts fixtures or boxes to 1" T-Bar
- Static Load Limit of 75 lbs
- Stud is flat head, square shoulder carriage bolt which will not turn when positioned in slot
- Assembled with 1" OD wing nut washer

Dimensions = Inches

| Cat. No. | Stud Size     | T-Bar | Box Qty |
|----------|---------------|-------|---------|
| 18386    | 1/4-20 x 5/8" | 1"    | 100     |

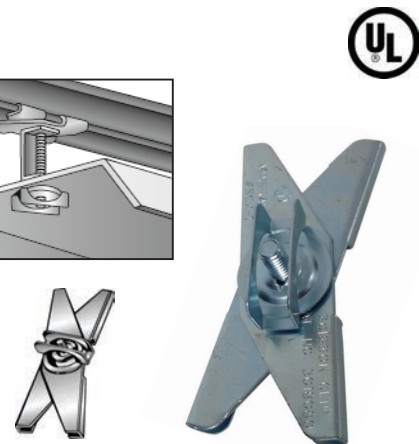
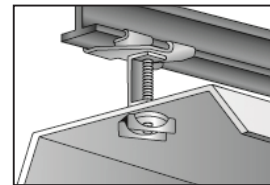


### T-Bar Scissor Clips Two Piece

- Two-piece zinc plated clip used for mounting fixtures or boxes to 1" bar
- Static Load Limit of 100 lbs
- Includes wing nut washer

Dimensions = Inches

| Cat. No. | Stud Size | T-Bar | Box Qty |
|----------|-----------|-------|---------|
| 18387    | 5/8"      | 1"    | 50      |
| 18388    | 2"        | 1"    | 50      |

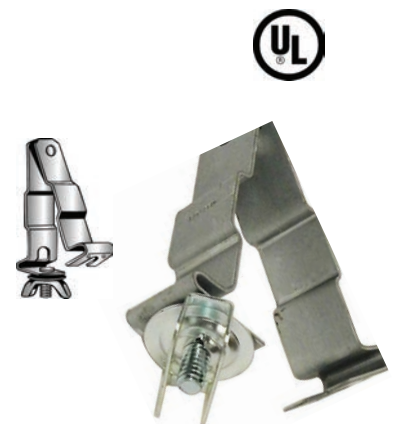
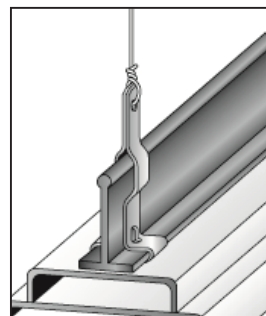


### T-Bar Drop Wire Clip

- Pre-galvanized clips support fixtures transferring the weight of fixture directly to the building structure
- Adds rigidity and support for truer alignment of the T-Grid & relieves the T-Grid from load stress
- Made from one-piece construction to accommodate various styles of T-Grid
- Includes wing nut washer

Dimensions = Inches

| Cat. No. | Stud Size | T-Bar | Box Qty |
|----------|-----------|-------|---------|
| 18385    | 5/8"      | 1"    | 50      |





## Box Cover Units

- Maximum Amps: 15.
- Maximum AC voltage of 125.
- Designed for use with the Type T plug fuses.
- U.L. Listed and C.S.A. Certified.

| Cat. No.         | Description                     | UOM | Order Multiple |
|------------------|---------------------------------|-----|----------------|
| <b>T620-608</b>  | Switch/Fuse Combo (ESSU)        | EA  | 1              |
| <b>T620-6081</b> | Plug Fuse Base Only (ESOU)      | EA  | 1              |
| <b>T620-6082</b> | Receptacle/Fuse Combo (ESRU)    | EA  | 1              |
| <b>T620-6083</b> | Switch/Fuse Combo Square (ESSY) | EA  | 1              |

Dimensions = Inches



T620-608

## Cord Switches

- 6A 125V, 3A 250V
- Single Pole
- On/Off
- Use with #18 SPT-1 Wire
- Feed-thru with Captive Screw

| Cat. No.     | Color | Rating                 | Termination | Bag Qty |
|--------------|-------|------------------------|-------------|---------|
| <b>70450</b> | Brown | 6A 125VAC<br>3A 250VAC | Screw       | 10      |
| <b>70451</b> | White | 6A 125VAC<br>3A 250VAC | Screw       | 10      |

Dimensions = Inches



## Fuseblocks - Class H

- Class H Fuseblock
- The fuse blocks are designed to allow the fuse to blow or burn out before the component can be damaged.
- UL & CSA Listed

| Cat. No.          | Description                              | UOM | Order Multiple |
|-------------------|--|-----|----------------|
| <b>T626-26311</b> | Fuseblock – 3 Pole Box Lug Class H, 250V | EA  | 1              |

Dimensions = Inches



## Fuse Adapters

- Fuse adapters are used to retrofit fuses into existing installations.
- Class H/S
- UL & CSA Listed

| Cat. No.          | Description                                       | UOM | Order Multiple |
|-------------------|---|-----|----------------|
| <b>T626-38632</b> | Fuse Adapter – 60 to 30 Reducer for Class H, 250V | EA  | 1              |
| <b>T626-38636</b> | Fuse Adapter – 60 to 30 Reducer for Class H, 600V | EA  | 1              |
| <b>T626-ESA15</b> | Fuse Adapter – 15 Amp Type S Fuses                | EA  | 4              |
| <b>T626-ESA20</b> | Fuse Adapter – 20 Amp Type S Fuses                | EA  | 4              |

Dimensions = Inches



T626-ESA15

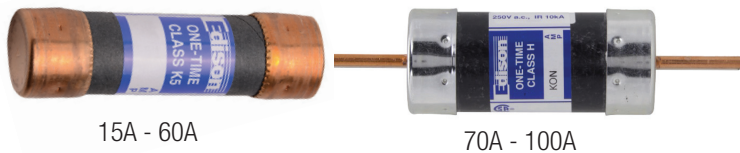


T626-38632

### RK5 Dual Element Fuses – 250V

| Cat. No.          | Description | UOM | Order Multiple |
|-------------------|-------------|-----|----------------|
| <b>T7-CRNR15</b>  | 15 Amps     | EA  | 10             |
| <b>T7-CRNR20</b>  | 20 Amps     | EA  | 10             |
| <b>T7-CRNR25</b>  | 25 Amps     | EA  | 10             |
| <b>T7-CRNR30</b>  | 30 Amps     | EA  | 10             |
| <b>T7-CRNR35</b>  | 35 Amps     | EA  | 10             |
| <b>T7-CRNR40</b>  | 40 Amps     | EA  | 10             |
| <b>T7-CRNR45</b>  | 45 Amps     | EA  | 10             |
| <b>T7-CRNR50</b>  | 50 Amps     | EA  | 10             |
| <b>T7-CRNR60</b>  | 60 Amps     | EA  | 10             |
| <b>T7-CRNR70</b>  | 70 Amps     | EA  | 5              |
| <b>T7-CRNR80</b>  | 80 Amps     | EA  | 5              |
| <b>T7-CRNR90</b>  | 90 Amps     | EA  | 5              |
| <b>T7-CRNR100</b> | 100 Amps    | EA  | 5              |

Dimensions = Inches



- Provides motor overload, ground fault and short-circuit protection.
- Helps protect motors against burnout from overloads.
- Helps protect motors against burnout from single-phasing on three-phase systems.
- Simplifies and improves blackout prevention (selective coordination).
- Dual-element fuses can be applied in circuits subject to temporary motor overloads and surge currents to provide both high performance short-circuit and overload protection.
- The overload element provides protection against low level overcurrent of overloads and will hold an over load which is five times greater than the amp rating of the fuse for a minimum of ten seconds.



### Class H One Time Fuses - 250V

| Cat. No.            | Description | UOM | Order Multiple |
|---------------------|-------------|-----|----------------|
| <b>T7-10KOTN30</b>  | 30 Amps     | EA  | 10             |
| <b>T7-10KOTN35</b>  | 35 Amps     | EA  | 10             |
| <b>T7-10KOTN40</b>  | 40 Amps     | EA  | 10             |
| <b>T7-10KOTN45</b>  | 45 Amps     | EA  | 10             |
| <b>T7-10KOTN50</b>  | 50 Amps     | EA  | 10             |
| <b>T7-10KOTN60</b>  | 60 Amps     | EA  | 10             |
| <b>T7-10KOTN70</b>  | 70 Amps     | EA  | 5              |
| <b>T7-10KOTN100</b> | 100 Amps    | EA  | 5              |

Dimensions = Inches

- Protection to lighting, heating, and other non transient circuits.
- Interrupting Rating 10,000 RMS Sym Amps.
- UL Listed, Class H, UL248-6
- CSA Certified HRC-H per C22.22, No. 248.6
- 250 VDC



### Type S Non-Tamper Fuses

| Cat. No.        | Description              | UOM | Order MULTIPLE |
|-----------------|--------------------------|-----|----------------|
| <b>T626-6S</b>  | Type "S" Fuse – 6.25 Amp | EA  | 4              |
| <b>T626-15S</b> | Type "S" Fuse – 15 Amp   | EA  | 4              |
| <b>T626-20S</b> | Type "S" Fuse – 20 Amp   | EA  | 4              |

Dimensions = Inches

- Rejection Base, Dual-Element, Time-Delay
- Size rejection feature helps to prevent overfusing
- Heavy duty dual-element construction
- Superior overload and short-circuit protection
- Time delay element protects against premature blowing from motors
- Visual indication of good or blown condition.
- Interrupting Rating: 10kA RMS Amps
- 125 VAC
- U.L. Listed. C.S.A. Certified



## 7 Day In-Wall Digital Self-Adjusting Timer - SunTracker



SunTracker & Daylight Savings Features

- In-Wall hardwired 7 day digital timer with astronomic features
- Suntracker features mean only setting it once without ever having to reset it again; follows daily changes in sunrise/sunset times
- Day-light Saving time automatically adjusts for changes twice a year
- Replaces existing ordinary wall switch - Indoor Use Only
- Used for 24 hour or 7 day load control of lights, fans, pumps, & other medium-duty loads for energy savings and security
- 7 On/Off Events Per Day
- NIMh Battery Backup for program maintenance
- Provides random setting function in order to adjust the On/Off schedule within a range of +/-30mins
- Manual Override
- General Rating: 15A, 60 Hz, 120 VAC, 1/4 HP
- Tungsten Incandescent Rating: 8A 1000 Watts @ 125V
- Resistive Rating: 15A 1875W @ 125V
- Ballast (Fluorescent) 8A @ 125V
- Compatible with CFL & LED Lights
- Neutral Required
- Wallplate included

| Cat. No. | Color | Suntracker | Case Qty |
|----------|-------|------------|----------|
| 80510    | Ivory | No         | 6        |
| 80511    | White | no         | 6        |
| 80515    | Ivory | yes        | 6        |
| 80516    | White | yes        | 6        |

Dimensions = Inches



## In-Wall Countdown Timer



- Auto On/Off Lighting Control
- 5 Programmed Events
- Replaces existing ordinary wall switch
- Ideal for kitchen, bathroom, hallway or porch lights
- Can be set at 60min/30min/20min/10min/ Hold/Off
- General Rating: 15A, 60 Hz, 120VAC, 1/4 HP
- Tungsten Rating: 8.3A 1000W @ 125V
- Resistive Rating: 15A 1800W @ 125V
- Fluorescent Ballast: 1000VA @ 125V
- Compatible with CFL & LED Lights
- Neutral Required
- Wallplate Included

| Cat. No.. | Color | Case Qty |
|-----------|-------|----------|
| 80505     | White | 6        |

Dimensions = Inches



### Rocker Switches



- Nylon 6/6 Frame & Actuator
- Contact Resistance: 50 milliohm
- Insulation Resistance: 100 milliohm
- Dielectric Strength: 1500V
- Insulation Resistance: 100 milliohm
- Operating Temp: -4°F to 185°F
- ( ) = Momentary

| Cat. No.                               | Fig | Function                 | Color                    | Poles | Terminal Type       | No of Terminals | Standard Load Rating                  | Motor Load Rating  | Dimensions L" x W" x H" | Bag Qty | Master Bag |
|--|-----|--------------------------|--------------------------|-------|---------------------|-----------------|---------------------------------------|--|-------------------------|---------|------------|
| <b>Rocker Switch</b>                   |     |                          |                          |       |                     |                 |                                       |  |                         |         |            |
| <b>70171</b>                           | 1   | On-Off                   | Black                    | SPST  | Quick Connect Spade | 2               | 20A 125VAC<br>10A 250VAC<br>21A 14VDC | 16A 125VAC<br>10A 277VAC<br>3/4 HP                       | 1.82 x .98 x 1.11       | 1       | 10         |
| <b>70172</b>                           | 1   | On-Off                   | Black                    | DPST  | Quick Connect Spade | 4               | 20A 125VAC<br>10A 250VAC<br>21A 14VDC | 16A 125VAC<br>10A 277VAC<br>3/4 HP                       | 1.82 x .98 x 1.11       | 1       | 10         |
| <b>70173</b>                           | 1   | On-Off-On                | Black                    | SPDT  | Quick Connect Spade | 3               | 20A 125VAC<br>10A 250VAC<br>21A 14VDC | 16A 125VAC<br>10A 277VAC<br>3/4 HP                       | 1.82 x .98 x 1.11       | 1       | 10         |
| <b>70174</b>                           | 1   | On-Off-On                | Black                    | DPDT  | Quick Connect Spade | 6               | 20A 125VAC<br>10A 250VAC<br>21A 14VDC | 16A 125VAC<br>10A 277VAC<br>3/4 HP                       | 1.82 x .98 x 1.11       | 1       | 10         |
| <b>70175</b>                           | 1   | (On)-Off-(On)            | Black                    | DPDT  | Quick Connect Spade | 6               | 20A 125VAC<br>10A 250VAC<br>21A 14VDC | 16A 125VAC<br>10A 277VAC<br>3/4 HP                       | 1.82 x .98 x 1.11       | 1       | 10         |
| <b>Lighted Rocker Switch</b>           |     |                          |                          |       |                     |                 |                                       |  |                         |         |            |
| <b>70176</b>                           | 2   | On-Off                   | Black/<br>Red<br>Light   | DPST  | Quick Connect Spade | 4               | 20A 125VAC<br>10A 250VAC<br>21A 14VDC | 16A 125VAC<br>10A 277VAC<br>3/4 HP                       | 1.82 x .98 x 1.11       | 1       | 10         |
| <b>70177</b>                           | 3   | On-Off                   | Black/<br>Amber<br>Light | DPST  | Quick Connect Spade | 4               | 20A 125VAC<br>10A 250VAC<br>21A 14VDC | 16A 125VAC<br>10A 277VAC<br>3/4 HP                       | 1.82 x .98 x 1.11       | 1       | 10         |
| <b>Appliance Rocker Switch</b>         |     |                          |                          |       |                     |                 |                                       |  |                         |         |            |
| <b>70180</b>                           | 4   | On-Off                   | Black                    | SPST  | Quick Connect Spade | 2               | 16A 125VAC<br>10A 250VAC              | 16A 125VAC<br>10A 250VAC<br>1/3HP 125VAC<br>1/2HP 250VAC | 1.24 x .73 x .77        | 1       | 10         |
| <b>70181</b>                           | 5   | On-Off-On<br>Printed Dot | Black                    | SPDT  | Quick Connect Spade | 3               | 16A 125VAC<br>10A 250VAC              | 16A 125VAC<br>10A 250VAC<br>1/3HP 125VAC<br>1/2HP 250VAC | 1.24 x .73 x .77        | 1       | 10         |
| <b>70182</b>                           | 6   | On-On                    | Black                    | SPDT  | Quick Connect Spade | 3               | 20A 125VAC<br>16A 250VAC              | 20A 125VAC<br>16A 250VAC<br>1/3HP 125VAC<br>1/2HP 250VAC | 1.24 x .73 x .77        | 1       | 10         |
| <b>Lighted Appliance Rocker Switch</b> |     |                          |                          |       |                     |                 |                                       |  |                         |         |            |
| <b>70190</b>                           | 7   | On-Off                   | Red                      | SPST  | Quick Connect Spade | 3               | 16A 125VAC 10A<br>250VAC              | 16A 125VAC<br>10A 250VAC<br>1/3HP 125VAC<br>1/2HP 250VAC | 1.24 x .73 x .77        | 1       | 10         |
| <b>Dual Color Rocker Switch</b>        |     |                          |                          |       |                     |                 |                                       |  |                         |         |            |
| <b>70191</b>                           | 8   | On-Off                   | Red/<br>Black            | SPST  | Quick Connect Spade | 2               | 20A 125VAC<br>16A 250VAC              | 20A 125VAC<br>16A 250VAC<br>1/3HP 125VAC<br>1/2HP 250VAC | 1.24 x .73 x .77        | 1       | 10         |
| <b>Miniature Lighted Rocker Switch</b> |     |                          |                          |       |                     |                 |                                       |  |                         |         |            |
| <b>70192</b>                           | 9   | On-Off                   | Red                      | SPST  | Quick Connect Spade | 3               | 16A 125VAC<br>10A 250VAC              | 16A 125VAC<br>10A 250VAC<br>1/3HP 125VAC<br>1/2HP 250VAC | .83 x .59 x .50         | 1       | 10         |

## Receptacle & GFCI Testers



- Instant Display of Wiring Condition of Any Standard
- 3-Wire AC 110-120V Outlet
- 59090 Also Trips GFCI Receptacle to Indicate Status
- Neon Indicators Give Positive Indication of Current Status
- Compact Unit Simply Plugs into any Standard 3 Wire/Grounded Receptacle (110–125 Volt AC Circuits)
- Tests for 6 Circuit Conditions: Open Ground, Open Neutral, Open Hot, Hot/Ground Reverse, Hot/Neutral Reverse & Correct Wiring

| Cat. No.     | Description             | Box Qty |
|--------------|-------------------------|---------|
| <b>59080</b> | Receptacle Tester       | 10      |
| <b>59090</b> | GFI & Receptacle Tester | 10      |

Dimensions = Inches

## Non-Contact Power Detector 12-1000 Volts AC



- No Direct Electrical Contact & No Current Flow Needed
- Sound & Light Indication of Voltage
- Tests Electrical Lines, Cables, Sockets, Fuses, Switches
- Checks for Proper Ground Connection
- Unique Electronic Sensor Locates Breaks Along Live, Insulated Wires & Power Cords
- Distinguishes Polarity
- Detects Leaks in Underground Devices

| Cat. No.     | Box Qty |
|--------------|---------|
| <b>59110</b> | 20      |

Dimensions = Inches

## Non-Contact Power Detector 100-240 Volts AC



- Locates breaks along live, insulated wires and power cord
- Detects voltage at outlet, lighting fixture, circuit breaker, cable
- Convenient pen size fits into pocket or tool pouch
- Audible and visual indication
- 3/16" Detection Distance

| Cat. No.     | Box Qty |
|--------------|---------|
| <b>59112</b> | 20      |

Dimensions = Inches



## Circuit Tester 80-500 Volts AC/DC



| Cat. No. | Box Qty |
|----------|---------|
| 59010    | 10      |

Dimensions = Inches

- 80-500V AC/DC Voltage Tester
- Economy Twin Lead Tester
- Ideal for Testing Outlets, Switches and other Electrical Devices
- Blister Packed



## Circuit Tester 90-300 Volts AC/DC



| Cat. No. | Box Qty |
|----------|---------|
| 59020    | 10      |

Dimensions = Inches

- 90-300V AC/DC Voltage Tester
- Bright LED AC/DC Indicator
- Insulated Casing with Pocket Clip
- Neon Indicator Glows when the Voltage is Present and Brightens as the Voltage Increases
- Blister Packed



## 4-Way Circuit Tester 110-220-277-460 Volts AC/DC



| Cat. No. | Box Qty |
|----------|---------|
| 59070    | 10      |

- 110-460V AC/DC Voltage Tester
- Individual Indicator for each Voltage Assures Reliability
- Bright Neon AC/DC Indicators
- Flexible Reinforced Leads Store in Case
- Reinforced Casing with Convenient Pocket Clip
- Blister Packed



## Heavy Duty Tri-Tap Extension Cord - 3 Outlets

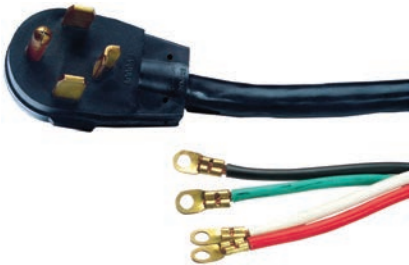


- Heavy Duty 2 Foot Extension Cord with 3 Prong Plug & Lighted Block Style Receptacles
- 15A; 125V 12/3 STW Cord with Molded Plug/Receptacle
- Lighted Female End to detect power
- Approved Under OSHA Standards For Outdoor and Indoor Use

| Cat. No.     | Length | Box Qty |
|--------------|--------|---------|
| <b>89312</b> | 2 Ft   | 20      |

Dimensions = Inches

## Dryer Cords



- Thick vinyl insulation with right angle male plug
- 4 Wire - 10/4 Round SRDT Wire
- NEMA 14-30
- 30A @125V/250V

| Cat. No.     | Wire Gauge/Conductors | Length | Box Qty |
|--------------|-----------------------|--------|---------|
| <b>89231</b> | 10/4                  | 4 Ft   | 12      |
| <b>89232</b> | 10/4                  | 5 Ft   | 12      |
| <b>89233</b> | 10/4                  | 6 Ft   | 12      |

Dimensions = Inches

## Range Cords



- Thick vinyl insulation with right angle male plug
- 4 Wire - 6/2 & 8/2 round SRDT Wire
- NEMA 14-50
- 50A @ 125V/250V

| Cat. No.     | Wire Gauge/Conductors | Length | Box Qty |
|--------------|-----------------------|--------|---------|
| <b>89236</b> | 6/2+8/2               | 4 Ft   | 12      |
| <b>89237</b> | 6/2+8/2               | 5 Ft   | 12      |
| <b>89238</b> | 6/2+8/2               | 6 Ft   | 12      |

Dimensions = Inches

## Appliance & Air Conditioner Extension Cords



- Extends power cords for refrigerators, microwaves, Air Conditioners, and other appliances
- 3-Prong appliance cord
- 15A; 125 VAC; 1875 Watts
- SPT-3 14/3 Gauge

| Cat. No.     | Length | Box Qty |
|--------------|--------|---------|
| <b>89212</b> | 3 Ft   | 50      |
| <b>89214</b> | 6 Ft   | 40      |
| <b>89216</b> | 9 Ft   | 25      |
| <b>89218</b> | 12 Ft  | 24      |
| <b>89220</b> | 15 Ft  | 24      |

Dimensions = Inches

## Replacement Power Supply Cords



- Extends power cords for refrigerators, microwaves, Air Conditioners, and other appliances
- Stripped at one end and angled male plug at other end
- 3-Prong flat cord
- 125 VAC

Dimensions = Inches

| Cat. No.     | Wire Gauge/Conductors | Plug Orientation | Color | Amps | Length | Box Qty |
|--------------|-----------------------|------------------|-------|------|--------|---------|
| <b>89221</b> | 16/3                  | right angle      | black | 13   | 6Ft    | 50      |
| <b>89223</b> | 14/3                  | straight         | black | 15   | 6Ft    | 50      |

## Heavy Duty Solenoid Voltage & Continuity Tester



- Test Voltage from 120V to 600V AC/DC
- Non-Contact Voltage Sensor from 90V to 1000V
- Test Continuity & Polarity
- Case serves as prod holder for one-hand operation
- Self-Storing prods
- Solenoid Sensing indicated by LEDs & Vibration
- Ergonomic Soft PVC housing for comfort grip
- LED Spotlight Illuminates Work Area
- Battery not Included (AAA x 1)

| Cat. No.     | Inner Box Qty | Case Qty |
|--------------|---------------|----------|
| <b>59100</b> | 5             | 60       |

Dimensions = Inches

## Outdoor Triple Tap Extension Cords

- Outdoor Triple Tap Polarized Tri-Tap Extension Cords
- Clear Ends with Tri-Tap Female Block
- Features a Power Indicator Light in the female receptacle
- Grounded
- Jacket Compound is more flexible and abrasion resistant at any temperature than standard vinyl compounds
- Flexible to -40°F
- 14/3 & 12/3 SJTW Wire Type
- 125 Volt

| Cat. No.     | Wire Gauge/Conductors | Amps | Length | Box Qty |
|--------------|-----------------------|------|--------|---------|
| <b>89300</b> | 14/3                  | 15   | 25 Ft  | 12      |
| <b>89301</b> | 14/3                  | 15   | 50 Ft  | 6       |
| <b>89303</b> | 12/3                  | 15   | 25 Ft  | 12      |
| <b>89304</b> | 12/3                  | 15   | 50 Ft  | 6       |
| <b>89305</b> | 12/3                  | 15   | 100 Ft | 4       |

Dimensions = Inches



## 4-Outlet GFCI Power Pack



- Automatic Reset
- Right Angle GFCI Plug with Power 'ON' LED indicator
- (4) NEMA 5-15R Outlets with Separate Covers for Each Outlet
- (1) NEMA 5-15P Plug
- 15A; 120 Volt
- 6 Ft. 12/3 SJTW Cord
- 15A Circuit Breaker

- Automatic Reset
- Class A GFCI 4-6mA Trip
- 1875 Watt
- Grounded & Open Neutral Protection
- Insulation Volts: 1500V RMS
- Complies with NEC 305-6
- Operating Temperature: -31°F to 151°F (-35°C to 66°C)

| Cat. No.     | Case Qty |
|--------------|----------|
| <b>89008</b> | 24       |

Dimensions = Inches

## Right Angle GFCI Plug - Field Wired



- User Attachable
- Compatible with 15A U-Ground outlets and plugs
- Trip Level 4-6 mA
- Automatic Reset
- Rated for indoor and outdoor use
- Class "A" people protection and GFCI
- 15A; 120 Volt

- 1875 Watts, 60 Hz
- LED Power "ON" indicator
- Open Neutral and Ground Neutral protection
- Operating Temperature: -31°F to 151°F (-35°C to 66°C)
- Impact resistant case

| Cat. No.     | Case Qty |
|--------------|----------|
| <b>89003</b> | 63       |

Dimensions = Inches

## 5 Outlet GFCI Multi-Outlet



- GFCI Protected
- Plug into any 3-prong dual outlet
- Converts electrical outlet into a safety outlet
- Ideal for family TV rooms, dens, dormitory rooms, garage workshops and rec-rooms

- Protects from damaged electrical cords and hazardous electrical leakage levels
- Quick power shut off to avoid electrocution
- Built-in sensing device to detect leakage currents as low as 4mA
- 15A; 120 Volt

| Cat. No.     | Case Qty |
|--------------|----------|
| <b>89009</b> | 60       |

Dimensions = Inches

## Right Angle Tri-Tap Portable GFCI



- For indoor or temporary outdoor use
- Provides portable protection on tools, appliances, outdoor equipment, etc.
- Great for jobsites, workshops or marinas
- 3 outlet power cord GFCI protection against hazardous shock
- 15A; 120 Volt
- Automatic Reset
- Class A GFCI 4-6mA Trip

- 1875 Watt
- Grounded & Open Neutral Protection
- Insulation Volts: 1500V RMS
- NEMA 5-15P & (3) 5-15R
- 2 Ft. 12/3 AWG SJTW Cord
- Rainproof
- Complies with NEC 305-6
- Operating Temperature: -31°F to 151°F (-35°C to 66°C)

| Cat. No. | Case Qty |
|----------|----------|
| 89000    | 24       |

Dimensions = Inches

## In-Line Tri-Tap Portable GFCI



- For indoor or temporary outdoor use
- Provides portable protection on tools, appliances, outdoor equipment, etc.
- Great for jobsites, workshops or marinas
- 3 outlet power cord GFCI protection against hazardous shock
- 15A; 120 Volt
- Automatic Reset
- Class A GFCI 4-6mA Trip

- 1875 Watt
- Grounded & Open Neutral Protection
- Insulation Volts: 1500V RMS
- NEMA 5-15P & (3) 5-15R
- 2 Ft. 12/3 AWG SJTW Cord
- Rainproof
- Complies with NEC 305-6
- Operating Temperature: -31°F to 151°F (-35°C to 66°C)

| Cat. No. | Case Qty |
|----------|----------|
| 89006    | 24       |

Dimensions = Inches

## Single Portable GFCI Adapter



- GFCI Protected Plug Only
- Fits any standard 3 wire outlet
- Provides instant GFCI protection
- Immediately detects ground fault from damaged cords or exposure to water and shuts off power to avoid electrocution
- Use with wet/dry vacs, tools, sump pumps
- Great indoor protection in the garage, basement and bedroom
- 15A; 120 Volt

- Automatic Reset
- Class A GFCI 4-6mA Trip
- 1875 Watt
- Grounded & Open Neutral Protection
- Insulation Volts: 1500V RMS
- NEMA 5-15P & 5-15R
- Rainproof
- Complies with NEC 305-6
- Operating Temperature: -31°F to 151°F (-35°C to 66°C)

Dimensions = Inches

| Cat. No. | Case Qty |
|----------|----------|
| 89002    | 24       |



## Wall Mount Occupancy/Vacancy Sensor - PIR



- The Passive Infrared (PIR) Sensor detects motion by sensing the difference between body heat and ambient room temperature
- PIR Occupancy Sensor works best in offices, conference rooms and other commonly used areas without obstructions
- Vacancy Setting allows for Manual ON/Auto OFF Function
- Auto ON/OFF & Manual ON/Auto OFF
- 30Ft Range When Mounted at 4Ft Height
- LED Indicator for visibility in darkened rooms
- Adjustable Light Level Sensitivity Settings
- Time Delay Off setting is adjustable from 5 Seconds to 30 minutes
- Removable Cover with mode settings and dip switch adjustments
- Decorative Wall Plate Included
- Polycarbonate
- Compatible with Incandescent, Electronic Ballast Fluorescent, Compact Fluorescent, Magnetic Low Voltage, Electronic Low Voltage, LED lighting
- Conforms to California Title 24 Energy Code
- 60Hz
- Neutral Required



| Cat. No. | Color | Switch Type                       | Switch Rating        | Incandescent/Fluorescent Rating | Coverage | Voltage  | LED Watts | Time Delay   | Case Qty |
|----------|-------|-----------------------------------|----------------------|---------------------------------|----------|----------|-----------|--------------|----------|
| 80520    | Ivory | Auto On/Off<br>Manual On/Auto Off | Single Pole          | 800W @ 120V<br>1200W @ 277V     | 180°     | 120-277V | 300w      | 5 Sec-30 Min | 50       |
| 80521    | White | Auto On/Off<br>Manual On/Auto Off | Single Pole          | 800W @ 120V<br>1200W @ 277V     | 180°     | 120-277V | 300W      | 5 Sec-30 Min | 50       |
| 80540    | White | Auto On/Off<br>Manual On/Auto Off | Single Pole<br>3-Way | 800W @ 120V<br>1200W @ 277V     | 180°     | 120-277V | 300W      | 5 Sec-30 Min | 50       |

Dimensions = Inches

## Wall Mount Occupancy/Vacancy Sensor - No Neutral - PIR



- The Passive Infrared (PIR) Sensor detects motion by sensing the difference between body heat and ambient room temperature
- Wall switch works best in offices, conference rooms and other commonly used areas
- Vacancy Setting allows for Manual ON/Auto OFF Function
- Auto ON/OFF & Manual ON/Auto OFF
- 30Ft Range When Mounted at 4Ft Height
- LED indicator for visibility in darkened rooms
- Adjustable Light Level Sensitivity Settings
- Time delay Off setting is adjustable from 5 Seconds to 30 minutes
- Removable Cover with mode settings and dip switch adjustments
- Decorator Wall Plate Included
- Polycarbonate
- Compatible with Incandescent, Electronic Ballast Fluorescent, Compact Fluorescent, Magnetic Low Voltage, Electronic Low Voltage, LED lighting
- Conforms to California Title 24 Energy Code
- 60Hz
- No Neutral Required



| Cat. No. | Color | Switch Type                       | Switch Configuration | Incandescent/Fluorescent Rating | Coverage | Voltage  | LED Watts | Time Delay     | Case Qty |
|----------|-------|-----------------------------------|----------------------|---------------------------------|----------|----------|-----------|----------------|----------|
| 80528    | White | Auto On/Off<br>Manual On/Auto Off | Single Pole          | 800W @ 120V<br>1200W @ 277V     | 180°     | 120-277v | 300W      | 5 Sec - 30 Min | 50       |
| 80532    | White | Auto On/Off<br>Manual On/Auto Off | Single Pole<br>3 Way | 800W @ 120V<br>1200W @ 277V     | 180°     | 120-277v | 300W      | 5 Sec - 30Min  | 50       |

Dimensions = Inches

### T-8 Low Profile Lampholder

- Medium Bi-Pin Fluorescent
- Slide-On with Captive Nut
- Push Wire Terminations
- Non-Shunted
- 660W
- 600V

Dimensions = Inches

| Cat No. | Bag Qty |
|---------|---------|
| 45225   | 10      |



### Single Pin Lampholders

- Slimline Fluorescent Pedestal Type Lamp Fa8
- Slide-On Base
- Push Wire Terminations
- 660W
- 1000V

Dimensions = Inches

| Cat. No. | Type    | Bag Qty |
|----------|---------|---------|
| 45232    | Plunger | 10      |
| 45233    | Fixed   | 10      |



### High Output Lampholders

- High Output Fluorescent Pedestal Type Lamp R17d
- Slide-On Base
- Push Wire Terminations
- 660W
- 1000V

Dimensions = Inches

| Cat. No. | Type    | Bag Qty |
|----------|---------|---------|
| 45234    | Plunger | 10      |



### T-8 Tall Profile Lampholder

- Medium Bi-Pin Fluorescent
- Slide-On with Captive Nut
- Push Wire Terminations
- Non-Shunted
- 660W
- 600V

| Cat No. | Bag Qty |
|---------|---------|
| 45226   | 10      |



## 3 Outlet Surge Protector

- Safely converts a standard outlet to 3 Outlets with Surge Protection
- Tamper Resistant rotating safety covers for all outlets
- 15A; 120V; 60 Hz
- Surge Dissipation: 900 Joules - Ground & Surge Protect Indicator Light
- Clamping Voltage: 700V L-N
- Max Surge Voltage: 6,000V

- Max Current Spike: 15,000A
- 1-Line Surge Protection
- EMI/RFI Filtering
- UL 498A & UL 1449



Dimensions = Inches

| Cat. No. | Joules | Box Qty |
|----------|--------|---------|
| 89040    | 900    | 48      |



## 6 Outlet Surge Protector



- Safely converts a standard wall outlet into a 6 Outlet Surge Protector
- Tamper Resistant rotating safety covers for all outlets
- 15A; 120V; 60 Hz
- Surge Dissipation: 1200 Joules - Ground & Surge Protect Indicator Light
- Clamping Voltage: 500V L-N, N-G, L-G

- Max Surge Voltage: 6,000V
- Max Current Spike: 60,000A
- 3-Line Surge Protection
- EMI/RFI Filtering
- UL 498A & UL 1449



| Cat. No. | Joules | Box Qty |
|----------|--------|---------|
| 89010    | 1200   | 24      |

Dimensions = Inches

## 6 Outlet Power Adaptor



Dimensions = Inches

| Cat No. | Box Qty |
|---------|---------|
| 89405   | 48      |



- Converts on 3-prong polarized outlet into 6 grounded outlets
- 15A/125V/1875W
- UL 498A

## 4 Outlet Surge Strip with Two 2.1A USB Charging Ports



- 4 Outlet Surge Protector & 2 USB Charging Ports 2.1A
- Provides Surge Protection for USB and Electrical devices
- Tamper Resistant rotating safety covers for all outlets
- 15A; 120V; 60 Hz, Lit Reset/Off switch over current protection

- Surge Dissipation: 800 Joules - Surge Protection Indicator Light
- Clamping Voltage: 500V L-N, N-G, L-G
- Max Surge Voltage: 6,000V, Max Current Spike: 30,000A
- 3-Line Surge Protection
- EMI/RFI Filtering
- UL 1363 & UL 1449

Dimensions = Inches

| Cat. No. | Joules | Cord Length | Box Qty |
|----------|--------|-------------|---------|
| 89020    | 800    | 6Ft         | 12      |



## 6 Outlet Power Strip



- Indoor Power Strip with 6 outlets
- Slim design for space saving
- On/off switch with built in circuit breaker
- Plastic housing

- Mounting key holes on back for easy hanging
- 15A; 125V; 60Hz 1875W, SJT 14/3
- UL 1363

Dimensions = Inches

| Cat. No. | Cord Length | Box Qty |
|----------|-------------|---------|
| 89022    | 6 Ft        | 36      |



### Wall Mount Occupancy/Vacancy Sensor - Double Pole - PIR



- The Passive Infrared (PIR) sensor detects motion by sensing the difference between body heat and ambient room temperature
- Wall switch works best in offices, conference rooms and commonly used areas
- Vacancy Setting allows for Manual ON/Auto OFF Function
- LED indicator for visibility in darkened rooms
- 30Ft Range When Mounted at 4Ft Height
- Adjustable Light Level Sensitivity Settings
- Time delay Off setting is adjustable from 5 Seconds to 30 minutes
- Removable Cover with mode settings and dip switch adjustments
- Decorative Wall Plate Included
- Compatible with Incandescent, Electronic Ballast Fluorescent, Compact Fluorescent, Magnetic Low Voltage, Electronic Low Voltage, LED lighting
- Button 1: Manual On/Auto Off; Button 2: Standby & OCC/VAC Selectable
- Conforms to California Title 24 Energy Code
- Neutral Required for Cat#: 80544

| Cat. No. | Color | Switch Type                       | Switch Configuration | Incandescent/Fluorescent Rating | Coverage | Voltage  | LED Watts | Case Qty |
|----------|-------|-----------------------------------|----------------------|---------------------------------|----------|----------|-----------|----------|
| 80544    | White | On/Off Auto<br>Manual On/Auto Off | Double Pole          | 800W @ 120V                     | 180°     | 120V     | 150W      | 50       |
| 80548    | White | On/Off Auto<br>Manual On/Auto Off | Double Pole          | 800W @ 120V<br>1200W @ 277V     | 180°     | 120-277V | 150W      | 50       |

Dimensions = Inches

### Ceiling Sensor Switch - PIR



- The Passive Infrared (PIR) sensor detects motion by sensing the difference between body heat and ambient room temperature
- Adjustable Light Level Sensitivity Settings
- Auto ON/OFF
- Time delay Off setting is adjustable from 15 seconds to 30 minutes
- No ground required
- Compatible with Incandescent, Electronic Ballast Fluorescent, Compact Fluorescent, Magnetic Low Voltage, Electronic Low Voltage, LED lighting
- Polycarbonate
- Conforms to California Title 24 Energy Code
- No Separate Power Pack Required

| Cat. No. | Color | Incandescent/Fluorescent Rating | Coverage   | Voltage  | Case Qty |
|----------|-------|---------------------------------|--|----------|----------|
| 80552    | White | 800W @ 120V<br>1200W @ 277V     | 360°<br>20 Ft Diameter @ 15 Ft Height<br>15 Ft Diameter @ 10 Ft Height | 120-277v | 50       |

Dimensions = Inches

### Hi-Bay Sensor Switch - PIR



- The Passive Infrared (PIR) sensor detects motion by sensing the difference between body heat and ambient room temperature
- Threaded Stem For Mounting In Linear High-Bay Fixture
- Adjustable Light Level Sensitivity Settings
- Time delay Off setting is adjustable from 15 seconds to 30 minutes
- No ground required
- Compatible with Incandescent, Electronic Ballast Fluorescent, Compact Fluorescent, Magnetic Low Voltage, Electronic Low Voltage, LED lighting
- Polycarbonate
- Conforms to California Title 24 Energy Code
- No Separate Power Pack required

Dimensions = Inches

| Cat. No. | Color | Incandescent/Fluorescent Rating | Coverage                           | Voltage  | Case Qty |
|----------|-------|---------------------------------|------------------------------------|----------|----------|
| 80556    | White | 800W @ 120V<br>1200W @ 277V     | 360° - 30Ft Height & 40Ft Diameter | 120-277v | 50       |

## Twist Lock Plugs and Receptacles - 2 Pole 3 Wire

- Rugged Nylon/Polycarbonate Construction resists impact, abrasion, sunlight & chemicals
- Grooved Housing for enhanced grip
- All contacts are solid one-piece brass for superior conductivity and reduced heat rise
- Heavy duty power contacts set in deep pockets to resist damage
- Heavy duty brass combo head terminal screws
- Clear terminal chamber allows for visual inspection of terminals
- Cord strain relief and rubber grommet to seal from environment
- Includes grounding screw



2 Pole 3 Wire



Fig 1



Fig 2



| Cat. No.     | Male/Female | Figure | Amps | Volts | NEMA#  | Box Qty | Master Box Qty |
|--------------|-------------|--------|------|-------|--------|---------|----------------|
| <b>89729</b> | Male        | 1      | 15   | 125   | L5-15P | 50      | 200            |
| <b>89730</b> | Female      | 2      | 15   | 125   | L5-15c | 50      | 200            |
| <b>89731</b> | Male        | 1      | 15   | 250   | L6-15P | 50      | 200            |
| <b>89733</b> | Male        | 1      | 20   | 125   | L5-20P | 10      | 100            |
| <b>89734</b> | Female      | 2      | 20   | 125   | L5-20c | 10      | 100            |
| <b>89746</b> | Male        | 1      | 20   | 250   | L6-20P | 10      | 100            |
| <b>89747</b> | Female      | 2      | 20   | 250   | L6-20c | 10      | 100            |
| <b>89748</b> | Male        | 1      | 30   | 125   | L5-30P | 10      | 100            |
| <b>89749</b> | Female      | 2      | 30   | 125   | L5-30c | 10      | 100            |
| <b>89750</b> | Male        | 1      | 30   | 250   | L6-30P | 10      | 100            |
| <b>89751</b> | Female      | 2      | 30   | 250   | L6-30c | 10      | 100            |



### 6 Outlet Surge Strip

- Indoor Power Strip with 6 outlets
- Slim design for space saving
- Unlit on/off switch with built in circuit breaker
- Plastic enclosure
- Mounting key holes on back for easy hanging
- Clamping Voltage: 700V L-N

- 125V; 15A; 60Hz; 1875W, SJT 14/3
- UL 1363 & UL 1449

Dimensions = Inches

| Cat. No.     | Joules | Cord Length | Box Qty |
|--------------|--------|-------------|---------|
| <b>89032</b> | 245    | 6 Ft        | 36      |
| <b>89034</b> | 245    | 12 Ft       | 24      |



### 6 Outlet Surge Strip with Phone Line Protection

- Indoor Surge Strip with 6 outlets & Phone/Fax/Modem protection
- EMI/Noise filter
- LED Surge Indicator light
- Full 3 Line Surge Protection
- Plastic housing
- Clamping Voltage: 500V L-N, N-G, L-G

- Max Surge Volts: 6,000V, Max Current Spike: 30,000A
- 15A; 120V; 60 Hz
- UL 1363 & UL 1449



Dimensions = Inches

| Cat. No.     | Joules | Cord Length | Box Qty |
|--------------|--------|-------------|---------|
| <b>89071</b> | 800    | 6 Ft        | 24      |



### 6 Outlet Metal Surge Strip with 2 Transformer Outlets

- Horizontal Grounded Outlets
- Heavy Duty Metal Housing
- Tamper Resistant Slide Safety Covers for all outlets
- Lighted On/Off Circuit Breaker Switch
- Mounting key holes on back for easy hanging
- SJT 14/3 Cord Type, 15A; 120V; 60 Hz
- Surge Dissipation: 800 Joules

- Clamping Voltage: 500V L-N, N-G, L-G
- Max Surge Voltage: 6,000V, Max Current Spike: 30,000A
- EMI/RFI Filtering
- 3-Line Surge Protection
- Surge Protection Indicator Light
- Power Shutdown Feature
- UL 1363 & UL 1449

Dimensions = Inches

| Cat. No.     | Joules | Cord Length | Box Qty |
|--------------|--------|-------------|---------|
| <b>89060</b> | 800    | 6Ft         | 20      |



### Heavy Duty Metal Power Bar Surge Strip



- 12 Outlet 48" long power surge strip
- Durable construction for Lab, Work-Shop & Office Applications etc.
- Brushed Aluminum Housing
- Lighted On/Off Circuit Breaker Switch
- LED indicator light for function status
- 15A 120V, 1875W 60Hz
- Surge Dissipation: 450 Joules

- Clamping Voltage: 500V L-N, N-G, L-G
- Max Surge Voltage: 6,000V
- Max Current Spike: 22,500A
- 6Ft SJT 14/3 Power Cord
- EMI/RFI Filtering
- 3-Line Surge Protection
- UL 1363 & UL 1449

Mounting key holes on back for easy hanging

Dimensions = Inches

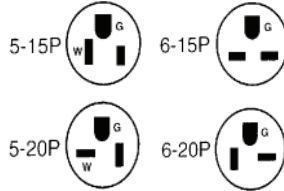


| Cat. No.     | Joules | Cord Length | Box Qty |
|--------------|--------|-------------|---------|
| <b>89100</b> | 450    | 6 Ft        | 4       |



# Straight Blade Plugs and Receptacles

2 Pole 3 Wire



- Rugged Nylon Construction resists impact, abrasion, sunlight & chemicals
- Grooved Housing for Enhanced Grip
- All contacts are solid one-piece brass for Superior Conductivity and Reduced Heat Rise
- Heavy duty contacts set in deep pockets to resist damage
- Heavy duty brass combo head terminal screws
- Clear terminal chamber allows for visual inspection of terminals
- Cord strain relief and rubber grommet to seal from environment
- Includes grounding screw

Fig 2

| Cat. No.     | Male/Female | Figure | Amps | Volts | NEMA# | Box Qty | Master Box Qty |
|--------------|-------------|--------|------|-------|-------|---------|----------------|
| <b>89612</b> | Male        | 1      | 15   | 125   | 5-15P | 50      | 200            |
| <b>89613</b> | Female      | 2      | 15   | 125   | 5-15c | 50      | 200            |
| <b>89614</b> | Male        | 1      | 20   | 125   | 5-20P | 50      | 200            |
| <b>89615</b> | Female      | 2      | 20   | 125   | 5-20c | 50      | 200            |
| <b>89616</b> | Male        | 1      | 15   | 250   | 6-15P | 50      | 200            |
| <b>89618</b> | Male        | 1      | 20   | 250   | 6-20P | 50      | 200            |
| <b>89619</b> | Female      | 2      | 20   | 250   | 6-20c | 50      | 200            |

### Twist Lock Plugs and Receptacles - 3 Pole 4 Wire

| Cat. No.     | Male/Female | Figure | 3 Pole 4 Wire |         | NEMA#   | Box Qty | Master Box Qty |
|--------------|-------------|--------|---------------|---------|---------|---------|----------------|
|              |             |        | Amps          | Volts   |         |         |                |
| <b>89752</b> | Male        | 3      | 20            | 125/250 | L14-20P | 10      | 100            |
| <b>89754</b> | Female      | 4      | 20            | 125/250 | L14-20c | 10      | 100            |
| <b>89755</b> | Male        | 3      | 20            | 250     | L15-20P | 10      | 100            |
| <b>89757</b> | Female      | 4      | 20            | 250     | L15-20c | 10      | 100            |
| <b>89756</b> | Male        | 3      | 30            | 125/250 | L14-30P | 10      | 100            |
| <b>89758</b> | Female      | 4      | 30            | 125/250 | L14-30c | 10      | 100            |
| <b>89760</b> | Male        | 3      | 30            | 250     | L15-30P | 10      | 100            |
| <b>89761</b> | Female      | 4      | 30            | 250     | L15-30c | 10      | 100            |

3 Pole 4 Wire



### Twist Lock Wall Mount Receptacles

- Rugged Phenolic Cover with PBT (Polybutylene Terephthalate) Base construction resists impact, sunlight, chemicals and rough use
- Contacts are solid one-piece brass for superior conductivity & reduced heat rise
- Heavy Duty Power Contacts set in deep pockets to resist damage
- Heavy Duty Brass Combo Head Terminal Screws, Flush Mount Design



2 Pole 3 Wire



| Cat. No.     | Amps | Volts | NEMA#  | Box Qty | Master Box Qty |
|--------------|------|-------|--------|---------|----------------|
| <b>89736</b> | 15   | 125   | L5-15R | 50      | 200            |
| <b>89737</b> | 15   | 250   | L6-15R | 50      | 200            |
| <b>89739</b> | 20   | 125   | L5-20R | 50      | 200            |
| <b>89738</b> | 20   | 250   | L6-20R | 50      | 200            |
| <b>89740</b> | 30   | 125   | L5-30R | 50      | 200            |
| <b>89741</b> | 30   | 250   | L6-30R | 50      | 200            |

3 Pole 4 Wire



| Cat. No.     | Amps | Volts   | NEMA#   | Box Qty | Master Box Qty |
|--------------|------|---------|---------|---------|----------------|
| <b>89742</b> | 20   | 125/250 | L14-20R | 50      | 200            |
| <b>89743</b> | 20   | 250     | L15-20R | 50      | 200            |
| <b>89744</b> | 30   | 125/250 | L14-30R | 50      | 200            |
| <b>89745</b> | 30   | 250     | L15-30R | 50      | 200            |

## HDMI Home Entertainment Wallplates



80442

80444

80446

80448

80452

80454

- High Definition 1080p & 1080i Video Connectors
- Supports DTS-HD, Dolby True HD & 7.1 Channel Surround Sound Audio
- Supports HDCP, EDID, DDC
- Supports 24-bit True Color
- HDMI & RCA Connector Configurations
- Decorative Style Plate
- Gold Plated Contacts
- Flame Resistant UL 94V-0 Lexan



| Cat. No. | Color | Configuration                | Box Qty |
|----------|-------|------------------------------|---------|
| 80442    | White | 1 HDMI                       | 75      |
| 80444    | White | 2 HDMI                       | 75      |
| 80446    | White | 1 HDMI, 1 RCA (Red)          | 75      |
| 80448    | White | 1 HDMI 1 F Conn              | 75      |
| 80450    | White | 1 HDMI & 2 RCA (Red & White) | 75      |
| 80452    | White | 1 HDMI & 3 RCA (R,W,Y)       | 75      |
| 80454    | White | 1 HDMI & 3 RCA (R,G,B)       | 75      |

## Kitchen Phone Plates

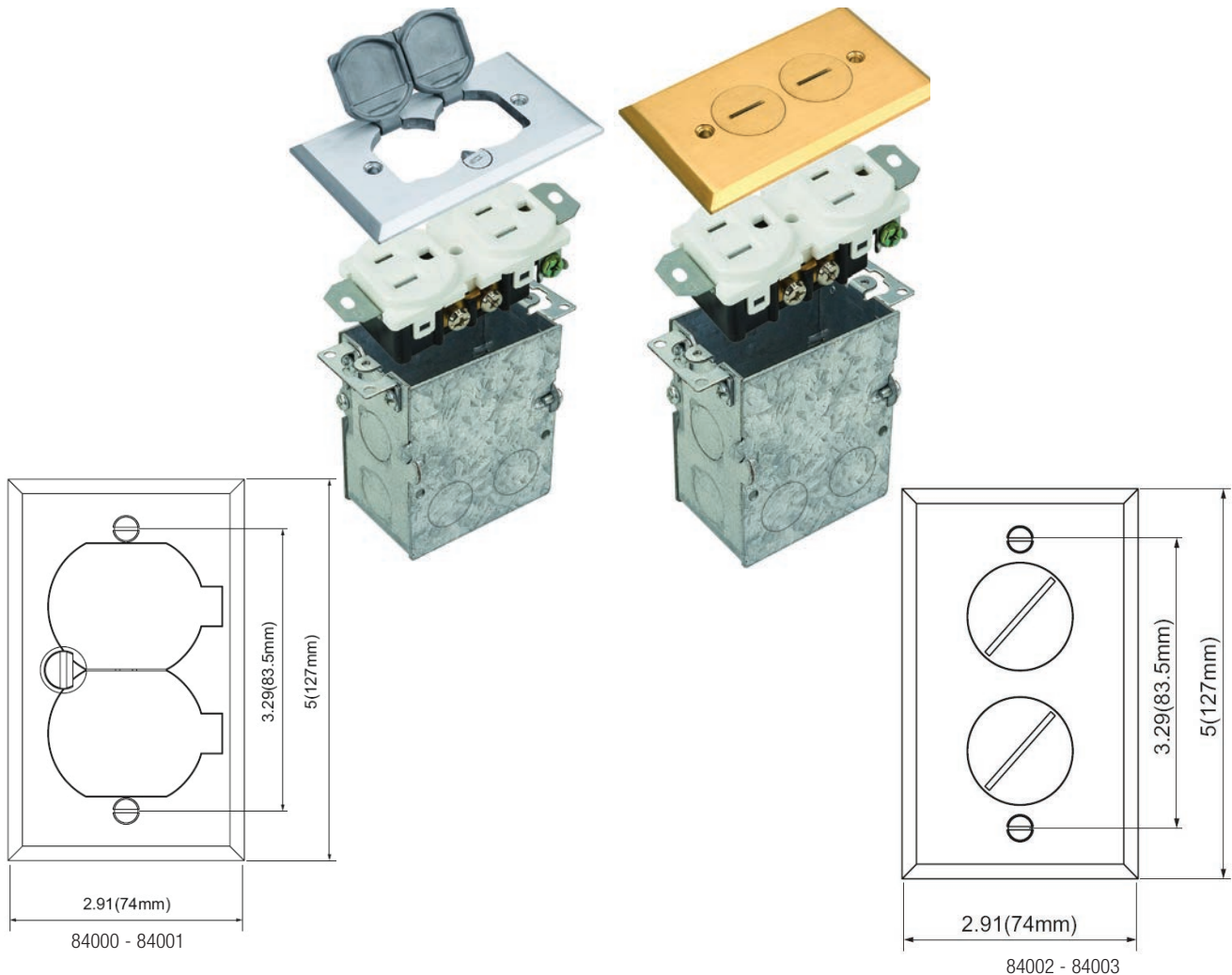


| Cat. No. | Color      | Bag Qty | Master Box Qty |
|----------|------------|---------|----------------|
| 80030    | Ivory      | 10      | 100            |
| 80031    | White      | 10      | 100            |
| 80033    | Lt. Almond | 10      | 100            |



### Residential Floor Boxes

- Heavy duty Brass or Nickel Plated Brass covers
- Junction Box, duplex receptacle & rubber gasketed cover included
- Corrosion resistant hardware and watertight gasket assure long life and reliability
- Good for tile and carpet applications
- Adjustable to make installs easy
- 1/2" Conduit Knockouts
- Fits manufacturer's 3-1/2" deep switch box
- Can accommodate data-communications inserts
- Boxes comply with NEMA WD1-1983
- Includes 15A 125V White TamperProof Receptacle
- UL 351B & UL 498 listed receptacles



| Cat. No.                                    | Cover Material      | Inner Box | Outer Box |
|---|---------------------|-----------|-----------|
| <b>Hinged Lid Duplex Floor Box Assembly</b> |                     |           |           |
| <b>84000</b>                                | Brass               | 1         | 20        |
| <b>84001</b>                                | Nickel Plated Brass | 1         | 20        |
| <b>Screw Lid Duplex Floor Box Assembly</b>  |                     |           |           |
| <b>84002</b>                                | Brass               | 1         | 20        |
| <b>84003</b>                                | Nickel Plated Brass | 1         | 20        |



## Phone & Coax Plates



Fig 1

Fig 2

Fig 3



Fig 4

Fig 5

Fig 6



- Flush Phone Plates
- 4 & 6 Conductor
- Flammability Rating: UL94V-0
- 50 Micro Inch Gold Plating
- UL 1863 Listed & Complies with NEC Article 800-51

| Cat. No. | Fig | Color | Bag Qty | Master Box Qty |
|----------|-----|-------|---------|----------------|
|----------|-----|-------|---------|----------------|

### Single RJ11, RJ14 Phone - 4 Conductor

|       |   |            |    |     |
|-------|---|------------|----|-----|
| 80010 | 1 | Ivory      | 10 | 100 |
| 80011 | 1 | White      | 10 | 100 |
| 80013 | 1 | Lt. Almond | 10 | 100 |

### Single RJ11, RJ14, RJ25 Phone - 6 Conductor

|       |   |            |    |     |
|-------|---|------------|----|-----|
| 86010 | 1 | Ivory      | 10 | 100 |
| 86013 | 1 | Lt. Almond | 10 | 100 |

### Double RJ11, RJ14 Phone - 4 Conductor

|       |   |       |    |     |
|-------|---|-------|----|-----|
| 80020 | 2 | Ivory | 10 | 100 |
| 80021 | 2 | White | 10 | 100 |

### Single RJ11, RJ14 Phone & Single F Connector

|       |   |            |    |     |
|-------|---|------------|----|-----|
| 80056 | 3 | Ivory      | 10 | 100 |
| 80057 | 3 | White      | 10 | 100 |
| 80059 | 3 | Lt. Almond | 10 | 100 |

### Single F Connector

|       |   |            |    |     |
|-------|---|------------|----|-----|
| 85010 | 4 | Ivory      | 10 | 100 |
| 85011 | 4 | White      | 10 | 100 |
| 85012 | 4 | Brown      | 10 | 100 |
| 85013 | 4 | Lt. Almond | 10 | 100 |

### Dual F Connector

|       |   |            |    |     |
|-------|---|------------|----|-----|
| 85020 | 5 | Ivory      | 10 | 100 |
| 85021 | 5 | White      | 10 | 100 |
| 85023 | 5 | Lt. Almond | 10 | 100 |

### Dual F Connector & Single Phone - 4 Conductor

|       |   |            |    |     |
|-------|---|------------|----|-----|
| 85030 | 6 | Ivory      | 10 | 100 |
| 85031 | 6 | White      | 10 | 100 |
| 85033 | 6 | Lt. Almond | 10 | 100 |

## Mid-Size Phone & Coax Plates

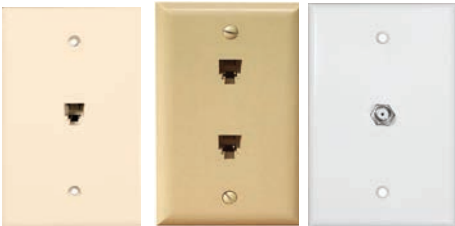


Fig 1

Fig 2

Fig 3



| Cat. No. | Fig | Color | Bag Qty | Master Box Qty |
|----------|-----|-------|---------|----------------|
|----------|-----|-------|---------|----------------|

### Single RJ11, RJ14 Phone - 4 Conductor

|       |   |            |    |     |
|-------|---|------------|----|-----|
| 87010 | 1 | Ivory      | 10 | 100 |
| 87011 | 1 | White      | 10 | 100 |
| 87013 | 1 | Lt. Almond | 10 | 100 |

### Dual RJ11, RJ14 Phone - 4 Conductor

|       |   |            |    |     |
|-------|---|------------|----|-----|
| 87021 | 2 | White      | 10 | 100 |
| 87023 | 2 | Lt. Almond | 10 | 100 |

### Single F Connector

|       |   |       |    |     |
|-------|---|-------|----|-----|
| 87510 | 3 | Ivory | 10 | 100 |
| 87511 | 3 | White | 10 | 100 |

- Flush Mid-Size Phone Plates
- 4 Conductor RJ11, RJ14 Jacks
- Flammability Rating: UL94V-0
- 50 Micro Inch Gold Plating
- UL 1863 Listed & Complies with NEC Article 800-51

## Surface Mount Phone Jacks



- Surface Mount 4 Conductor RJ11, RJ14 Jacks
- Flammability Rating: UL94V-0

| Cat. No. | Color | Bag Qty | Master Box Qty |
|----------|-------|---------|----------------|
|----------|-------|---------|----------------|

### Single Gang

|       |       |    |     |
|-------|-------|----|-----|
| 80050 | Ivory | 10 | 100 |
| 80051 | White | 10 | 100 |

### Double Gang

|       |            |    |     |
|-------|------------|----|-----|
| 80054 | White      | 10 | 100 |
| 80055 | Lt. Almond | 10 | 100 |

## 1 Piece Decorative Phone & Coax Plates



- Flush Decorative Phone Plates
- 4 Conductor RJ11, RJ14 Jacks
- Flammability Rating: UL94V-0
- 50 Micro Inch Gold Plating
- UL 1863 Listed & Complies with NEC Article 800-51

| Cat. No.  | Fig | Color | Bag Qty | Master Box Qty |
|---|-----|-------|---------|----------------|
| <b>Single RJ11, RJ14 Phone</b>                          |     |       |         |                |
| 80060   | 1   | Ivory | 10      | 100            |
| <b>Dual RJ11, RJ14 Phone</b>                            |     |       |         |                |
| 80070   | 2   | Ivory | 10      | 100            |
| 80071   | 2   | White | 10      | 100            |
| <b>Single RJ11, RJ14 Phone &amp; Single F Connector</b> |     |       |         |                |
| 80080   | 3   | Ivory | 10      | 100            |
| 80081   | 3   | White | 10      | 100            |
| <b>Single F Connector</b>                               |     |       |         |                |
| 85015   | 4   | Ivory | 10      | 100            |
| <b>Dual F Connector</b>                                 |     |       |         |                |
| 85120   | 5   | Ivory | 10      | 100            |
| 85121   | 5   | White | 10      | 100            |



Fig 1 Fig 2 Fig 3



Fig 4 Fig 5



## 2 Piece Decorative Phone & Coax Plates

- Flammability Rating: UL94V-0
- 4 Conductor RJ11, RJ14 Jacks
- 50 Micro Inch Gold Plating
- UL 1863 Listed & Complies with NEC Article 800-51

| Cat. No.  | Fig | Color     | Bag Qty | Master Box Qty |
|---|-----|-----------|---------|----------------|
| <b>Single RJ11, RJ14 Phone</b>                          |     |           |         |                |
| 80160   | 1   | Ivory     | 10      | 100            |
| 80161   | 1   | White     | 10      | 100            |
| 80163   | 1   | Lt Almond | 10      | 100            |
| <b>Double RJ11, RJ14 Phone</b>                          |     |           |         |                |
| 80170   | 2   | Ivory     | 10      | 100            |
| 80171   | 2   | White     | 10      | 100            |
| 80173   | 2   | Lt Almond | 10      | 100            |
| <b>Single F Connector</b>                               |     |           |         |                |
| 85115   | 3   | Ivory     | 10      | 100            |
| 85118   | 3   | Lt Almond | 10      | 100            |
| <b>Dual F Connector</b>                                 |     |           |         |                |
| 85220   | 4   | Ivory     | 10      | 100            |
| 85221   | 4   | White     | 10      | 100            |
| 85223   | 4   | Lt Almond | 10      | 100            |
| <b>Single RJ11, RJ14 Phone &amp; Single F Connector</b> |     |           |         |                |
| 80180   | 5   | Ivory     | 10      | 100            |
| 80181   | 5   | White     | 10      | 100            |
| 80183   | 5   | Lt Almond | 10      | 100            |
| <b>Dual F Connector &amp; Single RJ11, RJ14 Phone</b>   |     |           |         |                |
| 85230   | 6   | Ivory     | 10      | 100            |
| 85233   | 6   | Lt Almond | 10      | 100            |



Fig 1 Fig 2



Fig 3 Fig 4

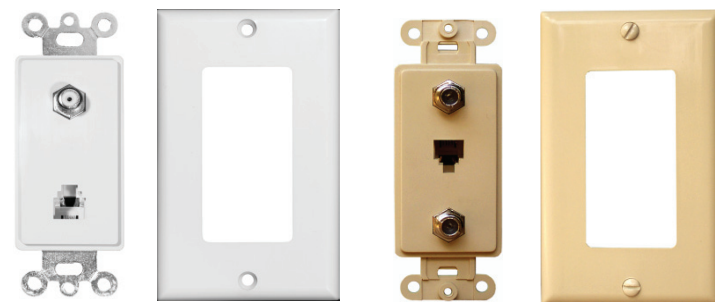


Fig 5 Fig 6

## Designer Mini Wallpack Gen 2



| Cat. No. | Photocell | Watts | Volts    | Housing Color | Color Temp | Lumens | Replaces Metal Halide | Case Qty | Each |
|----------|-----------|-------|----------|---------------|------------|--------|-----------------------|----------|------|
| 71516B   | Yes       | 13w   | 120-277v | Bronze        | 4000K      | 1,591  | 50W                   | 12       |      |
| 71517B   | Yes       | 13w   | 120-277v | White         | 4000K      | 1,591  | 50W                   | 12       |      |
| 71518B   | Yes       | 13w   | 120-277v | Bronze        | 5000K      | 1,630  | 50W                   | 12       |      |
| 71519B   | Yes       | 13w   | 120-277v | White         | 5000K      | 1,630  | 50W                   | 12       |      |
| 71521B   | Yes       | 18w   | 120-277v | Bronze        | 4000K      | 2,151  | 70W                   | 12       |      |
| 71524B   | Yes       | 18w   | 120-277v | White         | 5000K      | 2,200  | 70W                   | 12       |      |
| 71525B   | Yes       | 26w   | 120-277v | Bronze        | 4000K      | 3,221  | 100W                  | 12       |      |
| 71526B   | Yes       | 26w   | 120-277v | White         | 4000K      | 3,221  | 100W                  | 12       |      |
| 71527B   | Yes       | 26w   | 120-277v | Bronze        | 5000K      | 3,221  | 100W                  | 12       |      |
| 71528B   | Yes       | 26w   | 120-277v | White         | 5000K      | 3,221  | 100W                  | 12       |      |

## Area Light/Shoebox Retrofit Lamp



| Cat. No. | Fig. | Watts | volts    | Color Temp | HOUSING COLOR | Lumens | Replaces Metal Halide | Weight (lbs) | Case Qty |
|----------|------|-------|----------|------------|---------------|--------|-----------------------|--------------|----------|
| 70614    | 2    | 54W   | 120-277V | 5000K      | Black         | 5,672  | 150W                  | 2            | 8        |

## Temporary String Lights - No Lamp



| Cat. No. | volts | Wire Awg | Length | # Sockets | Case Qty |
|----------|-------|----------|--------|-----------|----------|
| 71190    | 120V  | 14/3     | 50'    | 5         | 1        |
| 71191    | 120V  | 14/3     | 100'   | 10        | 1        |



### Transformers

- Quality transformers engineered to ensure long life with bells, buzzers, chimes, door openers, etc.
- Quick Clamp mounting feature allows quick & easy installation
- 120 VAC Input
- Thermally Protected
- Fits Standard Wiring Knockout Class 2 Energy Limiting Type



| Cat. No.     | Volts                          | Case Qty |
|--------------|--------------------------------|----------|
| <b>78208</b> | 8V 20 VA; 16V 30 VA; 24V 30 VA | 30       |
| <b>78210</b> | 24V; 40 VA                     | 30       |

## Ornamental Entryway Lights



| Cat. No.     | Fig. | Photocell | Watts | Volts | Housing Color | Color Temp | Lumens | Replaces Metal Halide | Beam Angle | Case Qty |
|--------------|------|-----------|-------|-------|---------------|------------|--------|-----------------------|------------|----------|
| <b>72134</b> | 1    | No        | 9w    | 120V  | Black         | 4000K      | 630    | 75W                   | 110°       | 6        |
| <b>72140</b> | 2    | No        | 9w    | 120V  | Black         | 4000K      | 650    | 75W                   | 96°        | 6        |

## Low Profile Entryway Light

## Jelly Jar Entryway Light



| Cat. No.     | Photocell | Watts | Volts | Housing Color | Color Temp | Lumens | Replaces Metal Halide | Case Qty | Each |
|--------------|-----------|-------|-------|---------------|------------|--------|-----------------------|----------|------|
| <b>72100</b> | No        | 9w    | 120V  | Black         | 4000K      | 650    | 70W                   | 6        |      |
| <b>72104</b> | No        | 12w   | 120V  | Black         | 5000K      | 1,150  | 100W                  | 6        |      |

## Classic Round Entryway Light



| Cat. No.     | Photocell | Watts | Volts | Housing Color | Color Temp | Lumens | Replaces Metal Halide | Case Qty | Each |
|--------------|-----------|-------|-------|---------------|------------|--------|-----------------------|----------|------|
| <b>72110</b> | No        | 12w   | 120V  | Black         | 4000K      | 850    | 70W                   | 6        |      |
| <b>72114</b> | No        | 17w   | 120V  | Black         | 4000K      | 1,350  | 100W                  | 6        |      |

## Bulkhead Lighting



Fig. 1 Fig. 2

| Cat. No.                         | Fig. | Color Temp | Diameter | Watts | Volts | Housing Color | Lumens | Replaces Metal Halide | Case Qty | Each |
|----------------------------------|------|------------|----------|-------|-------|---------------|--------|-----------------------|----------|------|
| <b>LARGE 11" BULKHEAD LIGHTS</b> |      |            |          |       |       |               |        |                       |          |      |
| <b>72160</b>                     | 1    | 5000k      | 11"      | 17w   | 120V  | Black         | 1,760  | 100W                  | 5        |      |
| <b>72164</b>                     | 2    | 5000k      | 11"      | 17w   | 120V  | Black         | 1,760  | 100W                  | 5        |      |

Surface OR Recess Mount Garage Canopy

## Ultra Thin Recessed Canopy



Fixture shown with recessed mount trim  
Sold Separately  
Cat. No. 71620

| Cat. No.                         | Watts                               | Volts    | Housing Color | Color Temp | Lumens | Beam Angle | Replaces Metal Halide | Case Qty | Each |  |
|----------------------------------|-------------------------------------|----------|---------------|------------|--------|------------|-----------------------|----------|------|--|
| <b>71622</b>                     | 40w                                 | 120-277V | white         | 5000k      | 4,402  | 148°       | 150W                  | 1        |      |  |
| <b>71624</b>                     | 60w                                 | 120-277V | white         | 5000k      | 6,100  | 153°       | 250W                  | 1        |      |  |
| <b>recessed mount trim plate</b> |                                     |          |               |            |        |            |                       |          |      |  |
| <b>71620</b>                     | garage canopy - recessed mount trim |          |               |            |        |            |                       |          | 3    |  |



## LED Photocells



Fig. 2

| Cat. No.                | FIG. | Mounting   | Volts    | On/Off Lux  | Tungsten Rating (W) | Ballast Rating (VA)              | Amps                       | Case Qty | Each |
|-------------------------|------|------------|----------|-------------|---------------------|----------------------------------|----------------------------|----------|------|
| <b>LED BUTTON STYLE</b> |      |            |          |             |                     |                                  |                            |          |      |
| 39100                   | 1    | Fixture    | 120-277V | 16 Lx/24 Lx | 1000W               | 1,200 @ 120V<br>1,800 @ 208-277V | 8A @ 120V<br>5A @ 208-277V | 160      |      |
| 39101                   | 2    | Wall Plate | 120-277V | 16 Lx/24 Lx | 1000W               | 1,200 @ 120V<br>1,800 @ 208-277V | 8A @ 120V<br>5A @ 208-277V | 100      |      |

## LED Designer Linear-Arc Wrap



*0-10V Dimmable Fast/easy lens removal no tool required*

| Cat. No.      | Description   | Lumens | Length | Watts | Color Temp | Volts    | Replaces Fluorescent | Dimensions |        |        | Case Qty | Each |
|---------------|---------------|--------|--------|-------|------------|----------|----------------------|------------|--------|--------|----------|------|
|               |               |        |        |       |            |          |                      | L          | H      | W      |          |      |
| <b>71932A</b> | 4' Wrap       | 4,800  | 4'     | 40W   | 4000K      | 120-277V | 64-128W              | 48"        | 4-3/4" | 2-7/8" | 6        |      |
| <b>71931A</b> | 4' Wrap       | 4,800  | 4'     | 40W   | 5000K      | 120-277V | 64-128W              | 48"        | 4-3/4" | 2-7/8" | 6        |      |
| <b>71933</b>  | 4' Reflectors |        |        |       |            |          | SET OF 2             |            |        |        | 6        |      |

## Commercial Recessed Retrofit Lighting



Fig. 1



Fig. 2



Fig. 3

*triac or 0-10V dimming*

| Cat. No.     | FIG. | Size | Watts | Volts    | Color Temp | Beam Angle | Lumens | CRI | Dimming | Replaces Incandescent | Case Qty | Each    |
|--------------|------|------|-------|----------|------------|------------|--------|-----|---------|-----------------------|----------|---------|
| <b>72657</b> | 1    | 4"   | 15W   | 120V     | 4000K      | 60°        | 1,138  | >91 | Triac   | 100W                  | 12       | \$9.53  |
| <b>72659</b> | 2    | 6"   | 20W   | 120V     | 3000K      | 60°        | 1,450  | >91 | Triac   | 150W                  | 12       | \$15.14 |
| <b>72660</b> | 2    | 6"   | 20W   | 120V     | 4000K      | 60°        | 1,450  | >91 | Triac   | 150W                  | 12       | \$15.14 |
| <b>72661</b> | 2    | 6"   | 20W   | 120V     | 5000K      | 60°        | 1,450  | >91 | Triac   | 150W                  | 12       | \$15.14 |
| <b>72664</b> | 3    | 8"   | 45W   | 120-277V | 4000K      | 80°        | 4,050  | >80 | 0-10V   | 150W                  | 2        | \$89.69 |
| <b>72667</b> | 3    | 10"  | 30W   | 120-277V | 5000K      | 35°        | 2,850  | >80 | 0-10V   | 10W                   | 1        | \$89.69 |
| <b>72669</b> | 3    | 10"  | 40W   | 120-277V | 5000K      | 35°        | 3,600  | >80 | 0-10V   | 250W                  | 1        | \$95.30 |



Dual-Rated  
CU9AL  
90°C 600V

## Clear Insulated In-line Splices

- Clear Insulation
- 6061-T6 Aluminum
- Insulated with Rugged High-Dielectric Plastisol Dipped Coating
- Pre-filled with Oxide Inhibitor
- Easy Re-Entry for Changes, Inspection or Troubleshooting
- Plugs Marked with Connector Max Wire Size for Easy ID
- CU9AL Dual Rated for use with Copper and/or Aluminum Wire
- One Wire Per Terminal
- Temperature Range of -49°F to 194°F (-45° to 90°C)
- 600 Volt
- Rated For Use with 90°C Cables
- ANSI C119.4 & UL 486A & 486B Listed

Dimensions = Inches

| Cat. No.     | Wire Range | Allen Hex | Length | Width | Height | Box Qty |
|--------------|------------|-----------|--------|-------|--------|---------|
| <b>97302</b> | 2-14       | Slotted   | 3.46   | .82   | 1.62   | 12      |
| <b>97303</b> | 1/0-14     | 3/16      | 3.55   | .96   | 2.05   | 12      |
| <b>97304</b> | 2/0-2      | 3/16      | 3.50   | .99   | 1.95   | 12      |
| <b>97305</b> | 250-6      | 5/16      | 4.26   | 1.26  | 2.28   | 4       |
| <b>97306</b> | 350-6      | 5/16      | 5.21   | 1.33  | 2.63   | 4       |
| <b>97307</b> | 500-6      | 5/16      | 5.99   | 1.84  | 3.19   | 2       |
| <b>97308</b> | 600-250    | 5/16      | 6.18   | 1.77  | 3.17   | 2       |
| <b>97309</b> | 750-250    | 3/8       | 7.39   | 1.84  | 3.55   | 2       |



## LED Fiberglass Lampholders with Lamp



| Cat. No.     | Description | watts | volts | lumens | Dimensions |         |        |        | Case Qty | Each |
|--------------|-------------|-------|-------|--------|------------|---------|--------|--------|----------|------|
|              |             |       |       |        | A          | B       | C      | D      |          |      |
| <b>72530</b> | Keyless     | 9W    | 120V  | 800    | 3-1/16"    | 3-1/2"  | 1-1/2" | 4-1/2" | 24       |      |
| <b>72531</b> | Pull Chain  | 9W    | 120V  | 800    | 3-1/16"    | 3-7/8"  | 1-1/4" | 5"     | 48       |      |
| <b>72532</b> | GU24 LED    | 9W    | 120V  | 800    | 2-1/2"     | 1-1/16" | -      | 3-1/8" | 48       |      |

## Black Insulated Connectors

- 6061-T6 Aluminum
- Insulated with Rugged High-Dielectric Plastisol Dipped Coating
- Pre-filled with Oxide Inhibitor
- Easy Re-Entry for Changes, Inspection or Troubleshooting
- Plugs Marked with Connector Max Wire Size for Easy Identification
- CU9AL Dual Rated for use with Copper and/or Aluminum Wire
- One Wire Per Terminal
- Temperature Range of -49°F to 194°F (-45° to 90°C)
- 600 Volts
- Rated For Use with 90°C Cables
- UL Listed Through 750 MCM
- ANSI C119.4 & UL 486B listed
- **Indoor Use Only**



Dual-Rated CU9AL  
90°C 600V

## Insulated In-Line Splices

Dimensions = Inches

| Cat. No. | Wire Range | Fig. | Allen Hex | Length | Width | Height | Box Qty |
|----------|------------|------|-----------|--------|-------|--------|---------|
| 97017    | 2-14       | 1    | Slotted   | 3.46   | .82   | 1.62   | 12      |
| 97019    | 1/0-14     | 1    | 3/16      | 3.55   | .96   | 2.05   | 12      |
| 97020    | 2/0-6      | 1    | 3/16      | 3.55   | .96   | 2.05   | 12      |
| 97021    | 250-6      | 1    | 5/16      | 4.26   | 1.26  | 2.28   | 4       |
| 97022    | 350-6      | 1    | 5/16      | 5.21   | 1.33  | 2.63   | 4       |
| 97023    | 500-6      | 1    | 5/16      | 5.99   | 1.50  | 2.88   | 2       |
| 97024    | 600-250    | 1    | 5/16      | 6.18   | 1.77  | 3.17   | 2       |
| 97028*   | 750-250    | 2    | 3/8       | 7.39   | 1.84  | 3.55   | 2       |

\* Dual Set Screw Configuration (4 Set Screws)



Fig 1



Fig 2

## Insulated 2 Conductor - Single Side Entry

| Cat. No. | Wire Range | Allen Hex | Length | Width | Height | Box Qty |
|----------|------------|-----------|--------|-------|--------|---------|
| 97102    | 4-14       | Slotted   | 1.13   | 1.25  | 1.38   | 12      |
| 97103    | 2-14       | Slotted   | 1.15   | 1.50  | 1.42   | 12      |
| 97105    | 1/0-14     | 3/16      | 1.69   | 1.80  | 1.93   | 10      |
| 97106    | 2/0-6      | 3/16      | 1.69   | 1.80  | 1.93   | 10      |
| 97107    | 3/0-6      | 1/4       | 2.00   | 1.75  | 2.00   | 8       |

Dimensions = Inches



## Insulated 2 Conductor - Dual Side Entry

| Cat. No. | Wire Range | Fig. | Allen Hex | Length | Width | Height | Box Qty |
|----------|------------|------|-----------|--------|-------|--------|---------|
| 97112    | 4-14       | 1    | Slotted   | 1.13   | 1.50  | 1.38   | 12      |
| 97113    | 2-14       | 1    | Slotted   | 1.15   | 1.50  | 1.42   | 12      |
| 97115    | 1/0-14     | 1    | 3/16      | 1.62   | 1.83  | 1.83   | 6       |
| 97116    | 2/0-6      | 1    | 3/16      | 1.69   | 1.88  | 1.93   | 10      |
| 97117    | 3/0-6      | 1    | 1/4       | 2.18   | 2.48  | 2.37   | 8       |
| 97118    | 250-6      | 1    | 5/16      | 2.20   | 2.41  | 2.22   | 6       |
| 97120    | 350-6      | 1    | 5/16      | 2.60   | 2.80  | 2.62   | 4       |
| 97121    | 500-6      | 1    | 5/16      | 2.88   | 3.14  | 3.04   | 2       |
| 97122    | 600-250    | 1    | 5/16      | 2.98   | 3.38  | 3.25   | 4       |
| 97124    | 750-250    | 1    | 3/8       | 3.33   | 3.44  | 3.52   | 2       |
| 97125*   | 750-250    | 2    | 3/8       | 3.33   | 4.50  | 3.52   | 2       |

\* Dual Set Screw Configuration (4 Set Screws - 2 Per Port)

Dimensions = Inches



Fig 1



Fig 2

### Clear Insulated 2 Conductor - Dual Side Entry



Dual-Rated  
CU9AL  
90°C 600V



- Clear Insulation
- 6061-T6 Aluminum
- Insulated with Rugged High-Dielectric Plastisol Dipped Coating
- Pre-filled with Oxide Inhibitor
- Easy Re-Entry for Changes, Inspection or Troubleshooting
- Plugs Marked with Connector Max Wire Size for Easy ID
- CU9AL Dual Rated for use with Copper and/or Aluminum Wire
- One Wire Per Terminal
- Temperature Range of -49°F to 194°F (-45° to 90°C)
- 600 Volt
- Rated For Use with 90°C Cables
- ANSI C119.4 & UL 486A & 486B Listed

Dimensions = Inches

| Cat. No. | Wire Range | Allen Hex | Length | Width | Height | Box Qty |
|----------|------------|-----------|--------|-------|--------|---------|
| 97312    | 4-14       | Slotted   | 1.13   | 1.25  | 1.38   | 12      |
| 97332    | 2-14       | Slotted   | 1.15   | 1.50  | 1.42   | 12      |
| 97352    | 2/0-6      | 3/16      | 1.69   | 1.80  | 1.93   | 10      |
| 97392    | 250-6      | 5/16      | 2.18   | 2.48  | 2.37   | 6       |
| 97412    | 350-6      | 5/16      | 2.50   | 2.67  | 2.50   | 6       |
| 97432    | 500-6      | 5/16      | 2.98   | 3.38  | 2.85   | 4       |

### Clear Insulated Dual Side Entry



Dimensions = Inches

| Cat. No. | No. of Ports | Wire Range | Allen Hex | Length | Width | Height | Box Qty |
|----------|--------------|------------|-----------|--------|-------|--------|---------|
| 97314    | 3            |            |           | 1.50   |       |        | 6       |
| 97316    | 4            | 4-14       | slotted   | 1.92   | 1.21  | 1.45   | 6       |
| 97320    | 6            |            |           | 2.75   |       |        | 4       |
| 97322    | 8            |            |           | 3.59   |       |        | 3       |
| 97333    | 3            |            |           | 1.60   |       |        | 6       |
| 97334    | 4            | 2-14       | slotted   | 2.02   | 1.21  | 1.45   | 6       |
| 97336    | 6            |            |           | 2.85   |       |        | 4       |
| 97338    | 8            |            |           | 3.69   |       |        | 3       |
| 97354    | 3            |            |           | 1.90   |       |        | 8       |
| 97356    | 4            | 2/0-14     | 3/16      | 2.49   | 1.80  | 1.85   | 6       |
| 97360    | 6            |            |           | 3.67   |       |        | 4       |
| 97362    | 8            |            |           | 4.85   |       |        | 3       |
| 97394    | 3            |            |           | 2.40   |       |        | 6       |
| 97396    | 4            | 250-6      | 5/16      | 3.29   | 2.40  | 2.49   | 4       |
| 97400    | 6            |            |           | 5.06   |       |        | 3       |
| 97402    | 8            |            |           | 6.83   |       |        | 3       |
| 97414    | 3            |            |           | 2.80   |       |        | 6       |
| 97416    | 4            | 350-6      | 5/16      | 3.85   | 2.75  | 2.64   | 4       |
| 97420    | 6            |            |           | 5.95   |       |        | 3       |
| 97422    | 8            |            |           | 8.06   |       |        | 3       |
| 97434    | 3            |            |           | 3.18   |       |        | 4       |
| 97436    | 4            | 500-4      | 5/16      | 4.35   | 2.97  | 3.03   | 4       |
| 97440    | 6            |            |           | 6.70   |       |        | 2       |
| 97442    | 8            |            |           | 9.05   |       |        | 2       |



# Insulated Splices - Dual Side Entry

- Dual Side Entry
- 6061-T6 Aluminum
- Insulated with Rugged High-Dielectric Plastisol Dipped Coating
- Pre-filled with Oxide Inhibitor
- Easy Re-Entry for Changes, Inspection or Troubleshooting
- Plugs Marked with Connector Max Wire Size for Easy Identification
- CU9AL Dual Rated for use with Copper and/or Aluminum Wire
- One Wire Per Terminal
- Temperature Range of -49°F to 194°F (-45° to 90°C)
- 600 Volts
- Rated For Use with 90°C Cables
- UL Listed Through 750 MCM
- ANSI C119.4 & UL 486B listed
- **Indoor Use Only**



Dual-Rated  
CU9AL  
90°C 600V



Dimensions = Inches

| Cat. No. | Wire Ports | Wire Range | Allen Hex | Length | Height | Box Qty |
|----------|------------|------------|-----------|--------|--------|---------|
| 97613    | 3          |            |           | 1.50   |        | 12      |
| 97614    | 4          |            |           | 1.92   |        | 6       |
| 97615    | 5          | 4-14       | Slotted   | 2.33   | 1.45   | 6       |
| 97616    | 6          |            |           | 2.75   |        | 4       |
| 97618    | 8          |            |           | 3.59   |        | 3       |
| 97624    | 3          |            |           | 1.60   |        | 6       |
| 97625    | 4          |            |           | 2.02   |        | 6       |
| 97626    | 5          | 2-14       | Slotted   | 2.43   | 1.50   | 6       |
| 97627    | 6          |            |           | 2.85   |        | 4       |
| 97629    | 8          |            |           | 3.69   |        | 3       |
| 97633    | 3          |            |           | 1.90   |        | 8       |
| 97634    | 4          |            |           | 2.49   |        | 6       |
| 97635    | 5          |            |           | 3.08   |        | 4       |
| 97636    | 6          | 2/0-6      | 3/16      | 3.67   | 1.85   | 4       |
| 97638    | 8          |            |           | 4.85   |        | 3       |
| 97640    | 10         |            |           | 6.03   |        | 3       |
| 97642    | 12         |            |           | 7.21   |        | 4       |
| 97683    | 3          |            |           | 2.10   |        | 6       |
| 97684    | 4          |            |           | 2.87   |        | 6       |
| 97685    | 5          |            |           | 3.64   |        | 4       |
| 97686    | 6          | 3/0-6      | 1/4       | 4.41   | 1.99   | 3       |
| 97688    | 8          |            |           | 5.96   |        | 3       |
| 97690    | 10         |            |           | 7.50   |        | 3       |
| 97692    | 12         |            |           | 9.04   |        | 3       |
| 97643    | 3          |            |           | 2.40   |        | 6       |
| 97644    | 4          |            |           | 3.29   |        | 4       |
| 97645    | 5          |            |           | 4.17   |        | 4       |
| 97646    | 6          | 250-6      | 5/16      | 5.06   | 2.49   | 4       |
| 97647    | 7          |            |           | 5.94   |        | 3       |
| 97648    | 8          |            |           | 6.83   |        | 3       |
| 97650    | 10         |            |           | 8.60   |        | 3       |
| 97652    | 12         |            |           | 10.37  |        | 3       |

Dimensions = Inches

| Cat. No. | Wire Ports | Wire Range | Allen Hex | Length | Height | Box Qty |
|----------|------------|------------|-----------|--------|--------|---------|
| 97653    | 3          |            |           | 2.80   |        | 6       |
| 97654    | 4          |            |           | 3.85   |        | 4       |
| 97655    | 5          |            |           | 4.90   |        | 4       |
| 97656    | 6          | 350-6      | 5/16      | 5.95   | 2.64   | 3       |
| 97658    | 8          |            |           | 8.06   |        | 3       |
| 97659    | 9          |            |           | 9.11   |        | 3       |
| 97660    | 10         |            |           | 10.16  |        | 3       |
| 97662    | 12         |            |           | 12.26  |        | 3       |
| 97693    | 3          |            |           | 3.18   |        | 4       |
| 97694    | 4          |            |           | 4.35   |        | 4       |
| 97695    | 5          |            |           | 5.53   |        | 4       |
| 97696    | 6          | 500-4      | 5/16      | 6.70   | 3.03   | 2       |
| 97698    | 8          |            |           | 9.05   |        | 2       |
| 97699    | 9          |            |           | 10.22  |        | 2       |
| 97700    | 10         |            |           | 11.39  |        | 2       |
| 97702    | 12         |            |           | 13.74  |        | 2       |
| 97663    | 3          |            |           | 3.40   |        | 4       |
| 97664    | 4          |            |           | 4.68   |        | 4       |
| 97665    | 5          |            |           | 5.95   |        | 4       |
| 97666    | 6          | 600-250    | 5/16      | 7.23   | 3.11   | 2       |
| 97668    | 8          |            |           | 9.78   |        | 2       |
| 97669    | 9          |            |           | 11.05  |        | 2       |
| 97670    | 10         |            |           | 12.33  |        | 2       |
| 97672    | 12         |            |           | 14.88  |        | 2       |
| 97673    | 3          |            |           | 3.60   |        | 4       |
| 97674    | 4          |            |           | 5.03   |        | 4       |
| 97675    | 5          |            |           | 6.45   |        | 4       |
| 97676    | 6          | 750-250    | 3/8       | 7.88   | 3.60   | 4       |
| 97678    | 8          |            |           | 10.73  |        | 2       |
| 97679    | 9          |            |           | 12.15  |        | 2       |
| 97680    | 10         |            |           | 13.58  |        | 2       |
| 97682    | 12         |            |           | 16.43  |        | 2       |

### Insulated Splices - Single Side Entry



Dual-Rated  
CU9AL  
90°C 600V

- Wire Entry from 1 (Same) Side in Stub Termination Configuration
- **Indoor Use Only**

Dimensions = Inches

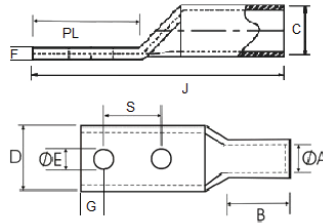


| Cat. No. | Wire Ports | Wire Range | Allen Hex | Length | Height | Box Qty |
|----------|------------|------------|-----------|--------|--------|---------|
| 97513    | 3          |            |           | 1.50   |        | 12      |
| 97514    | 4          |            |           | 1.92   |        | 12      |
| 97515    | 5          | 4-14       | Slotted   | 2.33   | 1.45   | 6       |
| 97516    | 6          |            |           | 2.75   |        | 4       |
| 97518    | 8          |            |           | 3.59   |        | 3       |
| 97519    | 3          |            |           | 1.60   |        | 6       |
| 97520    | 4          | 2-14       | Slotted   | 2.02   | 1.50   | 6       |
| 97522    | 6          |            |           | 2.85   |        | 4       |
| 97524    | 8          |            |           | 3.69   |        | 3       |
| 97525    | 3          |            |           | 1.90   |        | 8       |
| 97526    | 4          |            |           | 2.49   |        | 6       |
| 97527    | 5          | 1/0-14     | 3/16      | 3.08   | 1.85   | 4       |
| 97528    | 6          |            |           | 3.67   |        | 4       |
| 97530    | 8          |            |           | 4.85   |        | 3       |
| 97533    | 3          |            |           | 1.90   |        | 8       |
| 97534    | 4          |            |           | 2.49   |        | 6       |
| 97535    | 5          | 2/0-6      | 3/16      | 3.08   | 1.85   | 4       |
| 97536    | 6          |            |           | 3.67   |        | 4       |
| 97538    | 8          |            |           | 4.85   |        | 3       |
| 97579    | 3          |            |           | 2.10   |        | 6       |
| 97580    | 4          |            |           | 2.87   |        | 6       |
| 97581    | 5          | 3/0-6      | 1/4       | 3.64   | 1.99   | 4       |
| 97582    | 6          |            |           | 4.41   |        | 3       |
| 97584    | 8          |            |           | 5.96   |        | 3       |
| 97543    | 3          |            |           | 2.40   |        | 6       |
| 97544    | 4          |            |           | 3.29   |        | 4       |
| 97545    | 5          | 250-6      | 5/16      | 4.17   | 2.49   | 4       |
| 97546    | 6          |            |           | 5.06   |        | 4       |
| 97548    | 8          |            |           | 6.83   |        | 3       |
| 97553    | 3          |            |           | 2.80   |        | 6       |
| 97554    | 4          | 350-6      | 5/16      | 3.85   | 2.64   | 4       |
| 97555    | 5          |            |           | 4.90   |        | 4       |
| 97556    | 6          |            |           | 5.95   |        | 3       |
| 97585    | 3          |            |           | 3.18   |        | 4       |
| 97586    | 4          |            |           | 4.35   |        | 4       |
| 97587    | 5          | 500-4      | 5/16      | 5.53   | 3.03   | 4       |
| 97588    | 6          |            |           | 6.70   |        | 2       |
| 97590    | 8          |            |           | 9.05   |        | 2       |
| 97563    | 3          |            |           | 3.40   |        | 4       |
| 97564    | 4          |            |           | 4.68   |        | 4       |
| 97565    | 5          | 600-250    | 5/16      | 5.95   | 3.11   | 4       |
| 97566    | 6          |            |           | 7.23   |        | 2       |
| 97568    | 8          |            |           | 9.78   |        | 2       |
| 97573    | 3          |            |           | 3.60   |        | 4       |
| 97574    | 4          |            |           | 5.03   |        | 4       |
| 97575    | 5          | 750-250    | 3/8       | 6.45   | 3.60   | 4       |
| 97576    | 6          |            |           | 7.88   |        | 4       |
| 97578    | 8          |            |           | 10.73  |        | 2       |

# Aluminum Long Barrel 2 Hole Compression Lugs

- AL9CU Listed - For Both Aluminum and Copper Conductors
- Pre-filled with Oxide Inhibitor
- Made of High-Conductivity Seamless Aluminum
- Electro-Tin Plating Resists Corrosion, Reduces Contact Resistance for Maximum Conductivity
- Dual Mounting Holes for Superior Contact Integrity
- Color Coded Die Index and Crimp Marks Printed on Barrel
- UL 486B AL9CU Listed for Applications Thru 35KV

Dimensions = Inches



Dimensions = Inches

| Cat. No. | Wire Range | Stud Size | Color Code | A    | C    | J    | B    | D    | F   | E   | G   | PL   | S    | Box Qty |
|----------|------------|-----------|------------|------|------|------|------|------|-----|-----|-----|------|------|---------|
| 93110    | 1/0 Str.   | 3/8       | Tan        | .39  | .63  | 3.50 | 1.20 | .85  | .24 | .41 | .38 | 1.87 | 1.00 | 10      |
| 93111    | 1/0 Str.   | 1/2       | Tan        | .39  | .63  | 4.75 | 1.20 | .85  | .24 | .51 | .63 | 3.12 | 1.75 | 20      |
| 93112    | 2/0 Str.   | 1/2       | Olive      | .44  | .69  | 4.80 | 1.30 | .94  | .24 | .51 | .63 | 3.12 | 1.75 | 20      |
| 93114    | 3/0 Str.   | 1/2       | Ruby       | .48  | .76  | 5.00 | 1.40 | 1.03 | .28 | .51 | .63 | 3.12 | 1.75 | 20      |
| 93116    | 4/0 Str.   | 1/2       | White      | .55  | .84  | 5.25 | 1.40 | 1.15 | .29 | .51 | .63 | 3.12 | 1.75 | 12      |
| 93118    | 250 MCM    | 1/2       | Red        | .59  | .92  | 5.31 | 1.50 | 1.26 | .32 | .51 | .63 | 3.12 | 1.75 | 12      |
| 93120    | 300 MCM    | 1/2       | Blue       | .65  | 1.01 | 5.50 | 1.60 | 1.37 | .35 | .51 | .63 | 3.12 | 1.75 | 9       |
| 93122    | 350 MCM    | 1/2       | Brown      | .72  | 1.12 | 5.87 | 1.90 | 1.52 | .39 | .51 | .63 | 3.12 | 1.75 | 6       |
| 93124    | 400 MCM    | 1/2       | Green      | .76  | 1.19 | 6.43 | 2.30 | 1.61 | .42 | .51 | .63 | 3.12 | 1.75 | 6       |
| 93126    | 500 MCM    | 1/2       | Pink       | .84  | 1.32 | 6.50 | 2.50 | 1.79 | .47 | .51 | .63 | 3.12 | 1.75 | 6       |
| 93128    | 600 MCM    | 1/2       | Black      | .92  | 1.44 | 6.75 | 2.60 | 1.96 | .51 | .51 | .63 | 3.12 | 1.75 | 4       |
| 93130    | 750 MCM    | 1/2       | Yellow     | 1.03 | 1.60 | 7.37 | 3.2  | 2.19 | .55 | .51 | .63 | 3.12 | 1.75 | 4       |

# Aluminum Long Barrel Compression Splices



- AL9CU Listed - for both Aluminum and Copper Conductors
- Pre-filled with Oxide Inhibitor
- Made of High-Conductivity Seamless Aluminum
- Uniform Bright Electro-Tin Plating Resists Corrosion, Reduces Contact Resistance for Maximum Conductivity
- Color Coded Die Index and Crimp Marks Printed on Barrel
- UL 486B AL9CU Listed for Applications Thru 35KV



Dimensions = Inches

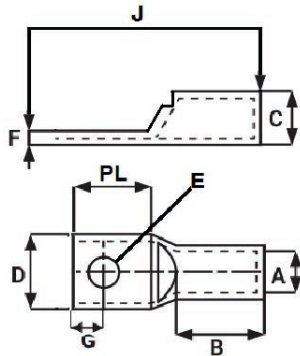
| Cat. No. | Wire Range | Color Code | A    | C    | Length (L) | Box Qty |
|----------|------------|------------|------|------|------------|---------|
| 93208    | 8 Str.     | Blue       | .16  | .30  | 1.38       | 50      |
| 93210    | 6 Str.     | Gray       | .20  | .34  | 1.63       | 50      |
| 93212    | 4 Str.     | Green      | .25  | .44  | 2.00       | 30      |
| 93214    | 2 Str.     | Pink       | .31  | .53  | 2.38       | 30      |
| 93216    | 1 Str.     | Gold       | .35  | .53  | 2.38       | 15      |
| 93218    | 1/0 Str.   | Tan        | .39  | .63  | 2.50       | 20      |
| 93220    | 2/0 Str.   | Olive      | .44  | .69  | 2.63       | 20      |
| 93222    | 3/0 Str.   | Ruby       | .48  | .76  | 2.88       | 15      |
| 93224    | 4/0 Str.   | White      | .55  | .84  | 3.13       | 10      |
| 93226    | 250 MCM    | Red        | .59  | .92  | 3.25       | 9       |
| 93228    | 300 MCM    | Blue       | .65  | 1.01 | 3.25       | 9       |
| 93230    | 350 MCM    | Brown      | .72  | 1.12 | 3.88       | 6       |
| 93232    | 400 MCM    | Green      | .76  | 1.19 | 4.88       | 6       |
| 93234    | 500 MCM    | Pink       | .84  | 1.32 | 5.00       | 6       |
| 93236    | 600 MCM    | Black      | .92  | 1.44 | 5.13       | 4       |
| 93238    | 750 MCM    | Yellow     | 1.03 | 1.60 | 5.38       | 4       |

### Aluminum Long Barrel 1 Hole Compression Lugs



| Cat. No. | Wire Range | Stud Size | Color Code | A    | C    | J    | B    | D    | F   | E   | G   | PL   | Box Qty |
|----------|------------|-----------|------------|------|------|------|------|------|-----|-----|-----|------|---------|
| 93010    | 6 Str.     | 1/4       | Gray       | .20  | .34  | 2.01 | .86  | .57  | .10 | .25 | .38 | .88  | 50      |
| 93012    | 6 Str.     | 5/16      | Gray       | .20  | .34  | 2.01 | .86  | .57  | .10 | .33 | .38 | .88  | 50      |
| 93014    | 6 Str.     | 3/8       | Gray       | .20  | .34  | 2.01 | .86  | .57  | .10 | .41 | .38 | .88  | 50      |
| 93016    | 4 Str.     | 1/4       | Green      | .25  | .44  | 2.31 | 1.10 | .57  | .19 | .25 | .38 | .88  | 30      |
| 93018    | 4 Str.     | 5/16      | Green      | .25  | .44  | 2.31 | 1.10 | .57  | .19 | .33 | .38 | .88  | 30      |
| 93020    | 4 Str.     | 3/8       | Green      | .25  | .44  | 2.31 | 1.10 | .57  | .19 | .41 | .38 | .88  | 30      |
| 93022    | 2 Str.     | 1/4       | Pink       | .31  | .53  | 2.50 | 1.20 | .71  | .22 | .25 | .38 | .88  | 30      |
| 93024    | 2 Str.     | 5/16      | Pink       | .31  | .53  | 2.50 | 1.20 | .71  | .22 | .33 | .38 | .88  | 30      |
| 93026    | 2 Str.     | 3/8       | Pink       | .31  | .53  | 2.50 | 1.20 | .71  | .22 | .41 | .38 | .88  | 30      |
| 93027    | 2 Str.     | 1/2       | Pink       | .31  | .53  | 2.50 | 1.20 | .71  | .22 | .51 | .38 | .88  | 30      |
| 93028    | 1 Str.     | 1/4       | Gold       | .35  | .53  | 2.50 | 1.20 | .73  | .18 | .25 | .38 | .88  | 15      |
| 93030    | 1 Str.     | 5/16      | Gold       | .35  | .53  | 2.50 | 1.20 | .73  | .18 | .33 | .38 | .88  | 15      |
| 93032    | 1 Str.     | 3/8       | Gold       | .35  | .53  | 2.50 | 1.20 | .73  | .18 | .41 | .38 | .88  | 15      |
| 93033    | 1 Str.     | 1/2       | Gold       | .35  | .53  | 2.50 | 1.20 | .73  | .18 | .51 | .38 | .88  | 15      |
| 93034    | 1/0 Str.   | 1/4       | Tan        | .39  | .63  | 2.81 | 1.20 | .85  | .24 | .25 | .50 | .93  | 20      |
| 93036    | 1/0 Str.   | 5/16      | Tan        | .39  | .63  | 2.81 | 1.20 | .85  | .24 | .33 | .50 | .93  | 20      |
| 93038    | 1/0 Str.   | 3/8       | Tan        | .39  | .63  | 2.81 | 1.20 | .85  | .24 | .41 | .50 | .93  | 20      |
| 93039    | 1/0 Str.   | 1/2       | Tan        | .39  | .63  | 2.81 | 1.20 | .85  | .24 | .51 | .50 | .93  | 20      |
| 93040    | 2/0 Str.   | 1/4       | Olive      | .44  | .69  | 2.81 | 1.30 | .94  | .24 | .25 | .50 | 1.12 | 20      |
| 93042    | 2/0 Str.   | 5/16      | Olive      | .44  | .69  | 2.81 | 1.30 | .94  | .24 | .33 | .50 | 1.12 | 20      |
| 93044    | 2/0 Str.   | 3/8       | Olive      | .44  | .69  | 2.81 | 1.30 | .94  | .24 | .41 | .50 | 1.12 | 20      |
| 93046    | 2/0 Str.   | 1/2       | Olive      | .44  | .69  | 2.81 | 1.30 | .94  | .24 | .51 | .50 | 1.12 | 20      |
| 93048    | 3/0 Str.   | 1/4       | Ruby       | .48  | .76  | 3.00 | 1.40 | 1.03 | .28 | .25 | .50 | 1.12 | 15      |
| 93050    | 3/0 Str.   | 5/16      | Ruby       | .48  | .76  | 3.00 | 1.40 | 1.03 | .28 | .33 | .50 | 1.12 | 15      |
| 93052    | 3/0 Str.   | 3/8       | Ruby       | .48  | .76  | 3.00 | 1.40 | 1.03 | .28 | .41 | .50 | 1.12 | 15      |
| 93054    | 3/0 Str.   | 1/2       | Ruby       | .48  | .76  | 3.00 | 1.40 | 1.03 | .28 | .51 | .50 | 1.12 | 15      |
| 93056    | 4/0 Str.   | 1/4       | White      | .55  | .84  | 3.43 | 1.40 | 1.15 | .29 | .25 | .56 | 1.31 | 10      |
| 93058    | 4/0 Str.   | 5/16      | White      | .55  | .84  | 3.43 | 1.40 | 1.15 | .29 | .33 | .56 | 1.31 | 10      |
| 93060    | 4/0 Str.   | 3/8       | White      | .55  | .84  | 3.43 | 1.40 | 1.15 | .29 | .41 | .56 | 1.31 | 10      |
| 93062    | 4/0 Str.   | 1/2       | White      | .55  | .84  | 3.43 | 1.40 | 1.15 | .29 | .51 | .56 | 1.31 | 10      |
| 93064    | 250 MCM    | 3/8       | Red        | .59  | .92  | 3.50 | 1.50 | 1.26 | .32 | .41 | .63 | 1.31 | 9       |
| 93066    | 250 MCM    | 1/2       | Red        | .59  | .92  | 3.50 | 1.50 | 1.26 | .32 | .51 | .63 | 1.31 | 9       |
| 93067    | 300MCM     | 5/16      | Blue       | .65  | 1.01 | 4.00 | 1.60 | 1.37 | .35 | .33 | .63 | 1.50 | 9       |
| 93068    | 300 MCM    | 3/8       | Blue       | .65  | 1.01 | 4.00 | 1.60 | 1.37 | .35 | .41 | .63 | 1.50 | 9       |
| 93070    | 300 MCM    | 1/2       | Blue       | .65  | 1.01 | 4.00 | 1.60 | 1.37 | .35 | .51 | .63 | 1.50 | 9       |
| 93072    | 350 MCM    | 3/8       | Brown      | .72  | 1.12 | 4.25 | 1.90 | 1.52 | .39 | .41 | .69 | 1.50 | 6       |
| 93074    | 350 MCM    | 1/2       | Brown      | .72  | 1.12 | 4.25 | 1.90 | 1.52 | .39 | .51 | .69 | 1.50 | 6       |
| 93076    | 400 MCM    | 3/8       | Green      | .76  | 1.19 | 4.60 | 2.30 | 1.61 | .42 | .41 | .69 | 1.50 | 6       |
| 93078    | 400 MCM    | 1/2       | Green      | .76  | 1.19 | 4.60 | 2.30 | 1.61 | .42 | .51 | .69 | 1.50 | 6       |
| 93080    | 500 MCM    | 3/8       | Pink       | .84  | 1.32 | 4.75 | 2.50 | 1.79 | .47 | .41 | .75 | 1.50 | 6       |
| 93082    | 500 MCM    | 1/2       | Pink       | .84  | 1.32 | 4.75 | 2.50 | 1.79 | .47 | .51 | .75 | 1.50 | 6       |
| 93084    | 500 MCM    | 5/8       | Pink       | .84  | 1.32 | 4.75 | 2.50 | 1.79 | .47 | .67 | .75 | 1.50 | 6       |
| 93085    | 600 MCM    | 1/2       | Black      | .92  | 1.44 | 5.12 | 2.60 | 1.96 | .51 | .51 | .75 | 1.87 | 4       |
| 93086    | 600 MCM    | 5/8       | Black      | .92  | 1.44 | 5.12 | 2.60 | 1.96 | .51 | .67 | .75 | 1.87 | 4       |
| 93087    | 750 MCM    | 1/2       | Yellow     | 1.03 | 1.60 | 6.12 | 3.20 | 2.19 | .55 | .51 | .94 | 2.00 | 4       |
| 93088    | 750 MCM    | 5/8       | Yellow     | 1.03 | 1.60 | 6.12 | 3.20 | 2.19 | .55 | .67 | .94 | 2.00 | 4       |

# Copper Short Barrel 1 Hole Compression Lugs



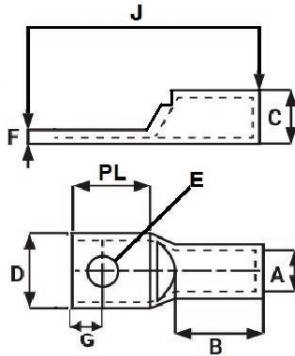
- High Conductivity Seamless Copper
- Electro-Tin Plating Resists Corrosion, Reduces Contact Resistance for Maximum Conductivity
- Single Mounting Hole
- Color Coded Die Index and Crimp Marks Printed on Barrel
- UL 486A Listed for Applications Thru 35KV

Dimensions = Inches

| Cat. No. | Wire Range | Stud Size | Color Code | a    | c     | j    | b    | d    | f   | e   | g   | pl   | Box Qty |
|----------|------------|-----------|------------|------|-------|------|------|------|-----|-----|-----|------|---------|
| 94082    | 250 MCM    | 3/8       | Yellow     | .594 | .752  | 2.64 | 1.06 | 1.09 | .15 | .41 | .47 | 1.06 | 15      |
| 94084    | 250 MCM    | 1/2       | Yellow     | .594 | .752  | 2.64 | 1.06 | 1.09 | .15 | .51 | .47 | 1.06 | 15      |
| 94086    | 300 MCM    | 1/2       | White      | .657 | .815  | 2.64 | 1.06 | 1.19 | .15 | .51 | .52 | 1.06 | 15      |
| 94087    | 300 MCM    | 5/8       | White      | .657 | .815  | 2.64 | 1.06 | 1.19 | .15 | .67 | .52 | 1.06 | 15      |
| 94088    | 350 MCM    | 1/2       | Red        | .701 | .874  | 2.80 | 1.12 | 1.28 | .17 | .51 | .52 | 1.06 | 10      |
| 94089    | 350 MCM    | 5/8       | Red        | .701 | .874  | 2.80 | 1.12 | 1.28 | .17 | .67 | .52 | 1.06 | 10      |
| 94090    | 400 MCM    | 1/2       | Blue       | .764 | .949  | 3.08 | 1.18 | 1.39 | .18 | .51 | .52 | 1.25 | 10      |
| 94091    | 400 MCM    | 5/8       | Blue       | .764 | .949  | 3.08 | 1.18 | 1.39 | .18 | .67 | .52 | 1.25 | 10      |
| 94094    | 500 MCM    | 1/2       | Brown      | .835 | 1.06  | 3.31 | 1.38 | 1.54 | .22 | .51 | .52 | 1.25 | 6       |
| 94093    | 500 MCM    | 5/8       | Brown      | .835 | 1.06  | 3.31 | 1.38 | 1.54 | .22 | .67 | .52 | 1.25 | 6       |
| 94095    | 600 MCM    | 1/2       | Green      | .925 | 1.189 | 3.66 | 1.38 | 1.72 | .25 | .51 | .69 | 1.46 | 4       |
| 94096    | 600 MCM    | 5/8       | Green      | .925 | 1.189 | 3.66 | 1.38 | 1.72 | .25 | .67 | .69 | 1.46 | 4       |
| 94098    | 750 MCM    | 5/8       | Black      | 1.03 | 1.31  | 3.94 | 1.63 | 1.90 | .27 | .67 | .69 | 1.46 | 4       |



### Copper Short Barrel 1 Hole Compression Lugs



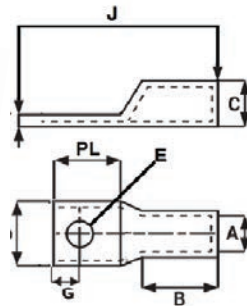
- High Conductivity Seamless Copper
- Electro-Tin Plating Resists Corrosion, Reduces Contact Resistance for Maximum Conductivity
- Single Mounting Hole
- Color Coded Die Index and Crimp Marks Printed on Barrel
- UL 486A Listed for Applications Thru 35KV



Dimensions = Inches

| Cat. No. | Wire Range | Stud Size | Color Code | a    | c    | j    | b    | d    | f   | e   | g   | pl   | Box Qty |
|----------|------------|-----------|------------|------|------|------|------|------|-----|-----|-----|------|---------|
| 94010    | 8 Str.     | #10       | Red        | .172 | .272 | 1.34 | .44  | .42  | .08 | .21 | .29 | .65  | 80      |
| 94012    | 8 Str.     | 1/4       | Red        | .172 | .272 | 1.34 | .44  | .42  | .08 | .25 | .29 | .65  | 80      |
| 94013    | 8 Str.     | 5/16      | Red        | .172 | .272 | 1.34 | .44  | .50  | .08 | .33 | .29 | .65  | 80      |
| 94014    | 8 Str.     | 3/8       | Red        | .172 | .272 | 1.34 | .44  | .56  | .08 | .41 | .31 | .65  | 80      |
| 94016    | 6 Str.     | #10       | Blue       | .204 | .297 | 1.77 | .81  | .42  | .07 | .21 | .31 | .69  | 60      |
| 94018    | 6 Str.     | 1/4       | Blue       | .204 | .297 | 1.77 | .81  | .42  | .07 | .25 | .31 | .69  | 60      |
| 94020    | 6 Str.     | 5/16      | Blue       | .204 | .297 | 1.77 | .81  | .49  | .07 | .33 | .31 | .69  | 60      |
| 94021    | 6 Str.     | 3/8       | Blue       | .204 | .297 | 1.77 | .81  | .60  | .08 | .41 | .31 | .69  | 60      |
| 94024    | 4 Str.     | #10       | Gray       | .252 | .343 | 1.50 | .71  | .49  | .08 | .21 | .36 | .75  | 45      |
| 94026    | 4 Str.     | 1/4       | Gray       | .250 | .344 | 1.81 | .81  | .49  | .09 | .25 | .36 | .75  | 45      |
| 94028    | 4 Str.     | 5/16      | Gray       | .250 | .344 | 1.81 | .81  | .49  | .09 | .33 | .36 | .75  | 45      |
| 94030    | 4 Str.     | 3/8       | Gray       | .250 | .344 | 1.81 | .81  | .56  | .09 | .41 | .36 | .75  | 45      |
| 94031    | 4 Str.     | 1/2       | Gray       | .250 | .344 | 1.81 | .81  | .70  | .09 | .51 | .36 | .75  | 45      |
| 94034    | 2 Str.     | 1/4       | Brown      | .315 | .422 | 1.93 | .88  | .60  | .10 | .25 | .37 | .81  | 25      |
| 94036    | 2 Str.     | 5/16      | Brown      | .315 | .422 | 1.93 | .88  | .60  | .10 | .33 | .37 | .81  | 25      |
| 94038    | 2 Str.     | 3/8       | Brown      | .315 | .422 | 1.93 | .88  | .60  | .10 | .41 | .37 | .81  | 25      |
| 94039    | 2 Str.     | 1/2       | Brown      | .315 | .422 | 1.93 | .88  | .70  | .10 | .51 | .37 | .81  | 25      |
| 94042    | 1 Str.     | 1/4       | Green      | .359 | .469 | 2.01 | .88  | .67  | .11 | .25 | .37 | .81  | 20      |
| 94044    | 1 Str.     | 5/16      | Green      | .359 | .469 | 2.01 | .88  | .67  | .11 | .33 | .37 | .81  | 20      |
| 94046    | 1 Str.     | 3/8       | Green      | .359 | .469 | 2.01 | .88  | .67  | .11 | .41 | .37 | .81  | 20      |
| 94047    | 1 Str.     | 1/2       | Green      | .359 | .469 | 2.01 | .88  | .70  | .11 | .51 | .37 | .81  | 20      |
| 94050    | 1/0 Str.   | 1/4       | Pink       | .390 | .520 | 2.01 | .88  | .74  | .13 | .25 | .37 | .81  | 12      |
| 94052    | 1/0 Str.   | 5/16      | Pink       | .390 | .520 | 2.01 | .88  | .74  | .13 | .33 | .37 | .81  | 12      |
| 94054    | 1/0 Str.   | 3/8       | Pink       | .390 | .520 | 2.01 | .88  | .74  | .13 | .41 | .37 | .81  | 12      |
| 94055    | 1/0 Str.   | 1/2       | Pink       | .390 | .520 | 2.01 | .88  | .74  | .13 | .51 | .37 | .81  | 12      |
| 94058    | 2/0 Str.   | 1/4       | Black      | .441 | .563 | 2.32 | .94  | .81  | .12 | .25 | .48 | 1.06 | 10      |
| 94060    | 2/0 Str.   | 5/16      | Black      | .441 | .563 | 2.32 | .94  | .81  | .12 | .33 | .48 | 1.06 | 10      |
| 94062    | 2/0 Str.   | 3/8       | Black      | .441 | .563 | 2.32 | .94  | .81  | .12 | .41 | .48 | 1.06 | 10      |
| 94064    | 2/0 Str.   | 1/2       | Black      | .441 | .563 | 2.32 | .94  | .81  | .12 | .51 | .48 | 1.06 | 10      |
| 94066    | 3/0 Str.   | 1/4       | Orange     | .492 | .622 | 2.52 | 1.00 | .90  | .13 | .25 | .48 | 1.06 | 20      |
| 94068    | 3/0 Str.   | 5/16      | Orange     | .492 | .622 | 2.52 | 1.00 | .90  | .13 | .33 | .48 | 1.06 | 20      |
| 94070    | 3/0 Str.   | 3/8       | Orange     | .492 | .622 | 2.52 | 1.00 | .90  | .13 | .41 | .48 | 1.06 | 20      |
| 94072    | 3/0 Str.   | 1/2       | Orange     | .492 | .622 | 2.52 | 1.00 | .90  | .13 | .51 | .48 | 1.06 | 20      |
| 94074    | 4/0 Str.   | 1/4       | Purple     | .547 | .689 | 2.52 | 1.00 | 1.00 | .13 | .25 | .48 | 1.06 | 20      |
| 94076    | 4/0 Str.   | 5/16      | Purple     | .547 | .689 | 2.52 | 1.00 | 1.00 | .13 | .33 | .48 | 1.06 | 20      |
| 94078    | 4/0 Str.   | 3/8       | Purple     | .547 | .689 | 2.52 | 1.00 | 1.00 | .13 | .41 | .48 | 1.06 | 20      |
| 94080    | 4/0 Str.   | 1/2       | Purple     | .547 | .689 | 2.52 | 1.00 | 1.00 | .13 | .51 | .48 | 1.06 | 20      |

# Copper Long Barrel 1 Hole Compression Lugs



- High Conductivity Seamless Copper
- Electro-Tin Plating Resists Corrosion, Reduces Contact Resistance for Maximum Conductivity
- Single Mounting Hole
- Long Barrel Accommodates Multiple Crimps
- Color Coded Die Index and Crimp Marks Printed on Barrel
- UL 486A Listed for Applications Thru 35KV

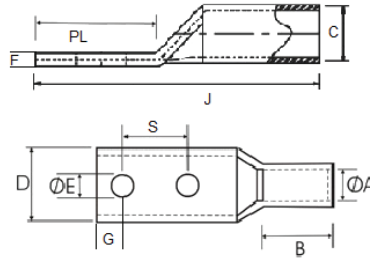


Dimensions = Inches

| Cat. No. | Wire Range | Stud Size | Color Code | a    | c    | j    | b    | d    | f   | e   | g   | pl   | Box Qty |
|----------|------------|-----------|------------|------|------|------|------|------|-----|-----|-----|------|---------|
| 94210    | 8 STR.     | #10       | red        | .173 | .271 | 1.51 | .80  | .42  | .08 | .21 | .28 | .59  | 50      |
| 94211    | 8 STR.     | 1/4       | red        | .173 | .271 | 1.52 | .81  | .42  | .08 | .25 | .28 | .59  | 50      |
| 94213    | 6 Str.     | #10       | Blue       | .204 | .297 | 2.01 | 1.12 | .42  | .08 | .21 | .29 | .65  | 40      |
| 94214    | 6 Str.     | 1/4       | Blue       | .204 | .297 | 2.01 | 1.12 | .42  | .08 | .25 | .29 | .65  | 40      |
| 94215    | 6 Str.     | 5/16      | Blue       | .204 | .297 | 2.01 | 1.12 | .42  | .08 | .33 | .29 | .65  | 40      |
| 94216    | 6 Str.     | 3/8       | Blue       | .204 | .297 | 2.01 | 1.12 | .60  | .08 | .41 | .29 | .65  | 40      |
| 94217    | 4 Str.     | #10       | Gray       | .251 | .344 | 2.05 | 1.12 | .49  | .09 | .21 | .29 | .65  | 30      |
| 94218    | 4 Str.     | 1/4       | Gray       | .251 | .344 | 2.05 | 1.12 | .49  | .09 | .25 | .29 | .65  | 30      |
| 94219    | 4 Str.     | 5/16      | Gray       | .251 | .344 | 2.05 | 1.12 | .56  | .09 | .33 | .29 | .65  | 30      |
| 94220    | 4 Str.     | 3/8       | Gray       | .251 | .344 | 2.05 | 1.12 | .59  | .09 | .41 | .29 | .65  | 30      |
| 94221    | 2 Str.     | 1/4       | Brown      | .315 | .422 | 2.24 | 1.25 | .60  | .10 | .25 | .38 | .75  | 15      |
| 94222    | 2 Str.     | 5/16      | Brown      | .315 | .422 | 2.24 | 1.25 | .60  | .10 | .33 | .38 | .75  | 15      |
| 94223    | 2 Str.     | 3/8       | Brown      | .315 | .422 | 2.24 | 1.25 | .60  | .10 | .41 | .38 | .75  | 15      |
| 94226    | 1 Str.     | 5/16      | Green      | .360 | .469 | 2.32 | 1.25 | .67  | .11 | .33 | .38 | .75  | 15      |
| 94227    | 1 Str.     | 3/8       | Green      | .360 | .469 | 2.32 | 1.25 | .67  | .11 | .41 | .38 | .75  | 15      |
| 94230    | 1/0 Str.   | 5/16      | Pink       | .390 | .520 | 2.56 | 1.38 | .74  | .13 | .33 | .41 | .81  | 10      |
| 94234    | 1/0 Str.   | 3/8       | Pink       | .390 | .520 | 2.56 | 1.38 | .74  | .13 | .41 | .41 | .81  | 10      |
| 94235    | 1/0 Str.   | 1/2       | Pink       | .390 | .520 | 2.56 | 1.38 | .74  | .13 | .51 | .41 | .81  | 10      |
| 94238    | 2/0 Str.   | 3/8       | Black      | .441 | .563 | 2.64 | 1.50 | .81  | .12 | .41 | .48 | .81  | 10      |
| 94239    | 2/0 Str.   | 1/2       | Black      | .441 | .563 | 2.64 | 1.50 | .81  | .12 | .51 | .48 | .81  | 10      |
| 94245    | 3/0 Str.   | 3/8       | Orange     | .492 | .622 | 3.03 | 1.50 | .90  | .13 | .41 | .48 | 1.06 | 20      |
| 94246    | 3/0 Str.   | 1/2       | Orange     | .492 | .622 | 3.03 | 1.50 | .90  | .13 | .51 | .48 | 1.06 | 20      |
| 94253    | 4/0 Str.   | 3/8       | Purple     | .547 | .688 | 3.23 | 1.62 | 1.00 | .13 | .41 | .52 | 1.06 | 15      |
| 94254    | 4/0 Str.   | 1/2       | Purple     | .547 | .688 | 3.23 | 1.62 | 1.00 | .13 | .51 | .52 | 1.06 | 15      |
| 94257    | 250 MCM    | 3/8       | Yellow     | .594 | .751 | 3.23 | 1.62 | 1.09 | .15 | .41 | .52 | 1.06 | 10      |
| 94258    | 250 MCM    | 1/2       | Yellow     | .594 | .751 | 3.23 | 1.62 | 1.09 | .15 | .51 | .52 | 1.06 | 10      |
| 94262    | 300 MCM    | 1/2       | White      | .658 | .813 | 3.58 | 2.00 | 1.19 | .15 | .51 | .52 | 1.06 | 10      |
| 94266    | 350 MCM    | 1/2       | Red        | .700 | .874 | 3.70 | 2.00 | 1.28 | .17 | .51 | .51 | 1.06 | 8       |
| 94267    | 350 MCM    | 5/8       | Red        | .700 | .874 | 3.70 | 2.00 | 1.28 | .17 | .67 | .67 | 1.06 | 8       |
| 94270    | 400 MCM    | 1/2       | Blue       | .764 | .949 | 4.02 | 2.00 | 1.39 | .18 | .51 | .52 | 1.35 | 6       |
| 94274    | 400 MCM    | 5/8       | Blue       | .764 | .949 | 4.02 | 2.00 | 1.39 | .18 | .67 | .52 | 1.35 | 6       |
| 94278    | 500 MCM    | 1/2       | Brown      | .835 | 1.06 | 4.41 | 2.25 | 1.54 | .22 | .51 | .52 | 1.35 | 8       |
| 94282    | 500 MCM    | 5/8       | Brown      | .835 | 1.06 | 4.41 | 2.25 | 1.54 | .22 | .67 | .52 | 1.35 | 8       |
| 94286    | 600 MCM    | 5/8       | Green      | .925 | 1.19 | 4.80 | 2.50 | 1.72 | .25 | .67 | .69 | 1.45 | 6       |
| 94290    | 750 MCM    | 5/8       | Black      | 1.03 | 1.31 | 5.24 | 2.88 | 1.90 | .27 | .67 | .69 | 1.45 | 4       |
| 94292    | 1000 MCM   | 5/8       | White      | 1.15 | 1.50 | 5.65 | 2.87 | 2.15 | .33 | .67 | .86 | 1.45 | 3       |

### Copper Short Barrel 2 Hole Compression Lugs

- High Conductivity Seamless Copper
- Electro-Tin Plating Resists Corrosion, Reduces Contact Resistance for Maximum Conductivity
- Single Mounting Hole
- Color Coded Die Index and Crimp Marks Printed on Barrel
- UL 486A Listed for Applications Thru 35KV



Dimensions = Inches

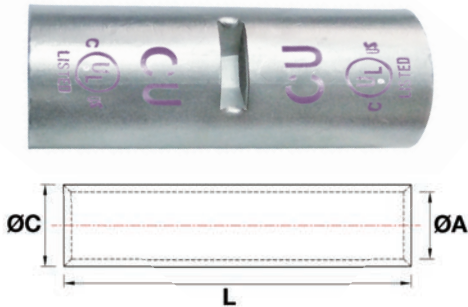


| Cat. No. | Wire Range | Stud Size | Hole Spacing | Color Code | a    | c    | j    | b    | d    | f   | e   | g   | pl   | s    | Box Qty |
|----------|------------|-----------|--------------|------------|------|------|------|------|------|-----|-----|-----|------|------|---------|
| 94110    | 8 Str.     | #10       | 5/8          | Red        | .173 | .272 | 1.82 | .44  | .42  | .08 | .21 | .28 | 1.26 | .63  | 50      |
| 94112    | 8 Str.     | 1/4       | 5/8          | Red        | .173 | .272 | 1.82 | .44  | .42  | .08 | .25 | .28 | 1.26 | .63  | 50      |
| 94114    | 8 Str.     | 3/8       | 1            | Red        | .173 | .272 | 1.82 | .44  | .42  | .08 | .41 | .28 | 1.81 | 1.00 | 50      |
| 94116    | 6 Str.     | #10       | 5/8          | Blue       | .205 | .298 | 2.64 | .71  | .42  | .08 | .21 | .28 | 1.26 | .63  | 50      |
| 94118    | 6 Str.     | 1/4       | 5/8          | Blue       | .205 | .298 | 2.64 | .71  | .42  | .08 | .25 | .28 | 1.26 | .63  | 50      |
| 94120    | 6 Str.     | 1/4       | 1            | Blue       | .205 | .298 | 2.64 | .71  | .42  | .08 | .25 | .28 | 1.81 | 1.00 | 50      |
| 94122    | 6 Str.     | 3/8       | 1            | Blue       | .205 | .298 | 2.64 | .71  | .60  | .08 | .41 | .38 | 1.81 | 1.00 | 50      |
| 94124    | 4 Str.     | 1/4       | 5/8          | Gray       | .252 | .342 | 2.68 | .75  | .49  | .09 | .25 | .38 | 1.26 | .63  | 50      |
| 94126    | 4 Str.     | 1/4       | 1            | Gray       | .252 | .342 | 2.68 | .75  | .49  | .09 | .25 | .38 | 1.81 | 1.00 | 50      |
| 94128    | 4 Str.     | 5/16      | 1            | Gray       | .252 | .342 | 2.68 | .75  | .49  | .09 | .33 | .38 | 1.81 | 1.00 | 50      |
| 94130    | 4 Str.     | 3/8       | 1            | Gray       | .252 | .342 | 2.68 | .75  | .56  | .09 | .41 | .38 | 1.81 | 1.00 | 50      |
| 94132    | 2 Str.     | 1/4       | 5/8          | Brown      | .315 | .421 | 2.28 | .83  | .60  | .10 | .25 | .28 | 1.26 | .63  | 25      |
| 94134    | 2 Str.     | 1/4       | 3/4          | Brown      | .315 | .421 | 2.36 | .83  | .60  | .10 | .25 | .28 | 1.38 | .75  | 25      |
| 94136    | 2 Str.     | 1/4       | 1            | Brown      | .315 | .421 | 2.80 | .83  | .60  | .10 | .25 | .28 | 1.81 | 1.00 | 25      |
| 94138    | 2 Str.     | 5/16      | 3/4          | Brown      | .315 | .421 | 2.62 | .83  | .60  | .10 | .33 | .38 | 1.61 | .75  | 25      |
| 94140    | 2 Str.     | 3/8       | 1            | Brown      | .315 | .421 | 2.83 | .83  | .60  | .10 | .41 | .38 | 1.81 | 1.00 | 25      |
| 94142    | 2 Str.     | 1/2       | 1-3/4        | Brown      | .315 | .421 | 2.83 | .83  | .70  | .10 | .51 | .62 | 2.99 | 1.75 | 25      |
| 94144    | 1 Str.     | 1/4       | 5/8          | Green      | .358 | .468 | 2.28 | .83  | .67  | .11 | .25 | .28 | 1.26 | .63  | 25      |
| 94146    | 1 Str.     | 5/16      | 1            | Green      | .358 | .468 | 2.84 | .83  | .67  | .11 | .33 | .38 | 1.81 | 1.00 | 25      |
| 94148    | 1/0        | 1/4       | 3/4          | Pink       | .389 | .519 | 2.84 | .83  | .74  | .12 | .25 | .28 | 1.38 | .75  | 10      |
| 94150    | 1/0        | 5/16      | 7/8          | Pink       | .389 | .519 | 2.64 | .83  | .74  | .13 | .33 | .32 | 1.62 | .87  | 10      |
| 94152    | 1/0        | 3/8       | 1            | Pink       | .389 | .519 | 2.83 | .83  | .74  | .13 | .41 | .38 | 1.81 | 1.00 | 10      |
| 94154    | 1/0        | 1/2       | 1-3/4        | Pink       | .389 | .519 | 2.83 | .83  | .74  | .13 | .51 | .62 | 2.99 | 1.75 | 10      |
| 94156    | 2/0        | 1/4       | 3/4          | Black      | .440 | .562 | 2.99 | .94  | .81  | .11 | .25 | .28 | 1.38 | .75  | 10      |
| 94158    | 2/0        | 5/16      | 7/8          | Black      | .440 | .562 | 2.99 | .94  | .81  | .11 | .33 | .32 | 1.62 | .875 | 10      |
| 94160    | 2/0        | 3/8       | 1            | Black      | .440 | .562 | 2.99 | .94  | .81  | .11 | .41 | .38 | 1.81 | 1.00 | 10      |
| 94162    | 2/0        | 1/2       | 1-3/4        | Black      | .440 | .562 | 4.17 | .94  | .81  | .11 | .51 | .62 | 2.99 | 1.75 | 10      |
| 94164    | 3/0        | 5/16      | 1            | Orange     | .492 | .622 | 3.11 | .98  | .90  | .12 | .33 | .38 | 1.81 | 1.00 | 10      |
| 94166    | 3/0        | 3/8       | 1            | Orange     | .492 | .622 | 3.11 | .98  | .90  | .12 | .41 | .38 | 1.81 | 1.00 | 10      |
| 94168    | 3/0        | 1/2       | 1-3/4        | Orange     | .492 | .622 | 4.29 | .98  | .90  | .12 | .51 | .62 | 2.99 | 1.75 | 10      |
| 94170    | 4/0        | 5/16      | 1            | Purple     | .547 | .688 | 3.11 | .98  | 1.00 | .13 | .33 | .32 | 1.81 | 1.00 | 10      |
| 94172    | 4/0        | 3/8       | 1            | Purple     | .547 | .688 | 3.11 | .98  | 1.00 | .13 | .41 | .38 | 1.81 | 1.00 | 10      |
| 94174    | 4/0        | 1/2       | 1-3/4        | Purple     | .547 | .688 | 4.29 | .98  | 1.00 | .13 | .51 | .62 | 2.99 | 1.75 | 10      |
| 94176    | 250        | 3/8       | 1            | Yellow     | .594 | .751 | 3.22 | 1.06 | 1.09 | .15 | .41 | .38 | 1.81 | 1.00 | 10      |
| 94178    | 250        | 1/2       | 1-3/4        | Yellow     | .594 | .751 | 4.41 | 1.06 | 1.09 | .15 | .51 | .62 | 2.99 | 1.75 | 10      |
| 94180    | 300        | 1/2       | 1-3/4        | White      | .657 | .814 | 4.41 | 1.06 | 1.19 | .15 | .51 | .62 | 2.99 | 1.75 | 10      |
| 94182    | 350        | 3/8       | 1            | Red        | .700 | .874 | 3.35 | 1.10 | 1.28 | .17 | .41 | .38 | 1.81 | 1.00 | 10      |
| 94184    | 350        | 1/2       | 1-3/4        | Red        | .700 | .874 | 4.53 | 1.10 | 1.28 | .17 | .51 | .62 | 2.99 | 1.75 | 10      |
| 94186    | 400        | 1/2       | 1-3/4        | Blue       | .763 | .948 | 4.69 | 1.18 | 1.39 | .18 | .51 | .62 | 2.99 | 1.75 | 10      |
| 94188    | 500        | 3/8       | 1            | Brown      | .838 | 1.06 | 3.70 | 1.38 | 1.54 | .22 | .41 | .38 | 1.81 | 1.00 | 6       |
| 94190    | 500        | 1/2       | 1-3/4        | Brown      | .838 | 1.06 | 4.88 | 1.38 | 1.54 | .22 | .51 | .62 | 2.99 | 1.75 | 6       |
| 94192    | 600        | 3/8       | 1-3/4        | Green      | .925 | 1.18 | 4.96 | 1.50 | 1.72 | .25 | .41 | .62 | 2.99 | 1.75 | 4       |
| 94194    | 600        | 1/2       | 1-3/4        | Green      | .925 | 1.18 | 5.04 | 1.50 | 1.72 | .25 | .51 | .62 | 2.99 | 1.75 | 4       |
| 94196    | 750        | 1/2       | 1-3/4        | Black      | 1.04 | 1.31 | 5.51 | 1.85 | 1.90 | .27 | .51 | .62 | 2.99 | 1.75 | 4       |

## Copper Short Barrel Compression Splices

- High Conductivity Seamless Copper
- Electro-Tin Plating Resists Corrosion, Reduces Contact Resistance for Maximum Conductivity
- Beveled Entry for Easy Insertion
- Color Coded Die Index and Crimp Marks Printed on Barrel
- UL 486A Listed for Applications Thru 35KV

Dimensions = Inches

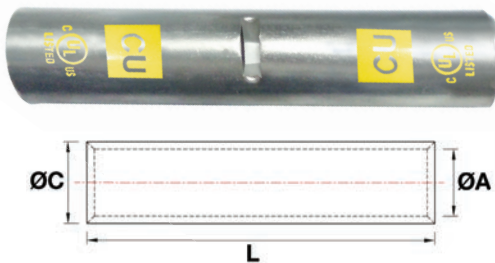


| Cat. No. | Wire Range | Color Code | A    | C     | Length | Box Qty |
|----------|------------|------------|------|-------|--------|---------|
| 94410    | 8 Str.     | Red        | .172 | .272  | 1.06   | 80      |
| 94412    | 6 Str.     | Blue       | .203 | .297  | 1.73   | 60      |
| 94414    | 4 Str.     | Gray       | .250 | .344  | 1.73   | 45      |
| 94416    | 2 Str.     | Brown      | .315 | .422  | 1.85   | 25      |
| 94418    | 1 Str.     | Green      | .360 | .469  | 1.85   | 20      |
| 94420    | 1/0 Str.   | Pink       | .390 | .520  | 1.85   | 15      |
| 94422    | 2/0 Str.   | Black      | .441 | .563  | 2.01   | 10      |
| 94424    | 3/0 Str.   | Orange     | .492 | .622  | 2.13   | 20      |
| 94426    | 4/0 Str.   | Purple     | .547 | .688  | 2.13   | 20      |
| 94428    | 250 MCM    | Yellow     | .594 | .750  | 2.24   | 20      |
| 94430    | 300 MCM    | White      | .658 | .813  | 2.24   | 18      |
| 94432    | 350 MCM    | Red        | .700 | .875  | 2.36   | 15      |
| 94434    | 400 MCM    | Blue       | .764 | .949  | 2.52   | 10      |
| 94436    | 500 MCM    | Brown      | .835 | 1.063 | 2.87   | 6       |
| 94438    | 600 MCM    | Green      | .925 | 1.188 | 2.87   | 4       |
| 94440    | 750 MCM    | Black      | 1.03 | 1.31  | 3.39   | 3       |

## Copper Long Barrel Compression Splices

- High Conductivity Seamless Copper
- Electro-Tin Plating Resists Corrosion, Reduces Contact Resistance for Maximum Conductivity
- Beveled Entry for Easy Insertion
- Color Coded Die Index and Crimp Marks Printed on Barrel
- UL 486A Listed for Applications Thru 35KV

Dimensions = Inches



| Cat. No. | Wire Range | Color Code | A    | C     | Length | Box Qty |
|----------|------------|------------|------|-------|--------|---------|
| 94510    | 8 Str.     | Red        | .172 | .272  | 2.01   | 60      |
| 94512    | 6 Str.     | Blue       | .203 | .297  | 2.36   | 40      |
| 94514    | 4 Str.     | Gray       | .250 | .344  | 2.36   | 25      |
| 94516    | 2 Str.     | Brown      | .315 | .422  | 2.60   | 18      |
| 94518    | 1 Str.     | Green      | .360 | .469  | 2.87   | 15      |
| 94520    | 1/0 Str.   | Pink       | .390 | .520  | 2.87   | 10      |
| 94522    | 2/0 Str.   | Black      | .441 | .563  | 3.11   | 20      |
| 94524    | 3/0 Str.   | Orange     | .492 | .622  | 3.11   | 16      |
| 94526    | 4/0 Str.   | Purple     | .547 | .688  | 3.39   | 12      |
| 94528    | 250 MCM    | Yellow     | .594 | .750  | 3.39   | 12      |
| 94530    | 300 MCM    | White      | .658 | .813  | 4.13   | 9       |
| 94532    | 350 MCM    | Red        | .700 | .875  | 4.13   | 6       |
| 94534    | 400 MCM    | Blue       | .764 | .949  | 4.37   | 6       |
| 94536    | 500 MCM    | Brown      | .835 | 1.063 | 4.61   | 6       |
| 94538    | 600 MCM    | Green      | .925 | 1.188 | 5.35   | 4       |
| 94540    | 750 MCM    | Black      | 1.03 | 1.31  | 5.87   | 4       |
| 94542    | 1000 MCM   | White      | 1.15 | 1.50  | 7.00   | 1       |

### Copper Long Barrel 2 Hole Compression Lugs

Dimensions = Inches

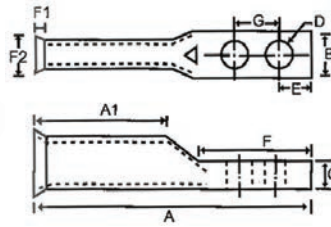


- High Conductivity Seamless Copper
- Electro-Tin Plating Resists Corrosion, Reduces Contact Resistance for Maximum Conductivity
- Dual Mounting Holes
- Long Barrel Accommodates Multiple Crimps
- Color Coded Die Index and Crimp Marks Printed on Barrel
- UL 486A Listed for Applications Thru 35KV

| Cat. No. | Wire Range | Stud Size | Hole Spacing | Color  | A    | C     | j     | b    | d    | f   | e   | G   | pl   | s    | Box Qty |
|----------|------------|-----------|--------------|--------|------|-------|-------|------|------|-----|-----|-----|------|------|---------|
| 94310    | 8 Str.     | #10       | 5/8          | Red    | .172 | .272  | 2.32  | .75  | .42  | .08 | .21 | .28 | 1.25 | .63  | 45      |
| 94312    | 8 Str.     | 1/4       | 5/8          | Red    | .172 | .272  | 2.32  | .75  | .42  | .08 | .25 | .28 | 1.25 | .63  | 45      |
| 94314    | 8 Str.     | 3/8       | 1            | Red    | .172 | .272  | 2.32  | .75  | .56  | .08 | .41 | .28 | 1.25 | 1.00 | 45      |
| 94315    | 6 Str.     | 1/4       | 1/2          | Blue   | .205 | .295  | 2.68  | 1.12 | .42  | .08 | .25 | .32 | 1.25 | .50  | 35      |
| 94316    | 6 Str.     | 1/4       | 5/8          | Blue   | .205 | .295  | 2.68  | 1.12 | .42  | .08 | .25 | .32 | 1.25 | .63  | 35      |
| 94317    | 6 Str.     | 1/4       | 3/4          | Blue   | .205 | .295  | 2.68  | 1.12 | .42  | .08 | .25 | .32 | 1.25 | .75  | 35      |
| 94319    | 6 Str.     | 3/8       | 1            | Blue   | .205 | .295  | 2.68  | 1.12 | .42  | .08 | .41 | .41 | 1.81 | 1.00 | 35      |
| 94320    | 6 Str.     | 1/2       | 1-3/4        | Blue   | .205 | .295  | 2.68  | 1.12 | .42  | .08 | .51 | .41 | 1.81 | 1.75 | 35      |
| 94323    | 4 Str.     | 1/4       | 3/4          | Gray   | .250 | .344  | 2.76  | 1.12 | .49  | .09 | .25 | .32 | 1.25 | .75  | 25      |
| 94324    | 4 Str.     | 1/4       | 5/8          | Gray   | .250 | .344  | 2.76  | 1.12 | .49  | .09 | .25 | .32 | 1.25 | .63  | 25      |
| 94325    | 4 Str.     | 5/16      | 1            | Gray   | .250 | .344  | 2.76  | 1.12 | .49  | .09 | .33 | .32 | 1.25 | 1.00 | 30      |
| 94327    | 4 Str.     | 3/8       | 1            | Gray   | .250 | .344  | 2.76  | 1.12 | .56  | .09 | .41 | .41 | 1.80 | 1.00 | 30      |
| 94326    | 4 Str.     | 1/2       | 1-3/4        | Gray   | .250 | .344  | 2.76  | 1.12 | .70  | .09 | .51 | .55 | 2.99 | 1.75 | 30      |
| 94328    | 2 Str.     | 1/4       | 5/8          | Brown  | .315 | .422  | 3.27  | 1.25 | .60  | .10 | .25 | .32 | 1.62 | .63  | 30      |
| 94329    | 2 Str.     | 1/4       | 3/4          | Brown  | .315 | .422  | 3.27  | 1.25 | .60  | .10 | .25 | .32 | 1.62 | .75  | 30      |
| 94330    | 2 Str.     | 5/16      | 3/4          | Brown  | .315 | .422  | 3.27  | 1.25 | .60  | .10 | .33 | .32 | 1.62 | .75  | 30      |
| 94332    | 2 Str.     | 5/16      | 7/8          | Brown  | .315 | .422  | 3.27  | 1.25 | .60  | .10 | .33 | .32 | 1.62 | .87  | 20      |
| 94333    | 2 Str.     | 3/8       | 1            | Brown  | .315 | .422  | 3.27  | 1.25 | .60  | .10 | .41 | .41 | 1.62 | 1.00 | 20      |
| 94334    | 2 Str.     | 1/2       | 1-3/4        | Brown  | .315 | .422  | 3.27  | 1.25 | .70  | .10 | .51 | .62 | 2.99 | 1.75 | 20      |
| 94338    | 1 Str.     | 1/4       | 5/8          | Green  | .360 | .469  | 2.87  | 1.25 | .67  | .11 | .25 | .28 | 1.25 | .63  | 15      |
| 94339    | 1 Str.     | 1/4       | 3/4          | Green  | .360 | .469  | 3.27  | 1.25 | .67  | .11 | .25 | .28 | 1.25 | .75  | 15      |
| 94340    | 1 Str.     | 5/16      | 7/8          | Green  | .360 | .469  | 3.27  | 1.25 | .67  | .11 | .33 | .32 | 1.62 | .87  | 30      |
| 94341    | 1 Str.     | 3/8       | 7/8          | Green  | .360 | .469  | 4.65  | 1.25 | .67  | .11 | .41 | .41 | 1.62 | .87  | 30      |
| 94343    | 1 Str.     | 3/8       | 1            | Green  | .360 | .469  | 4.65  | 1.25 | .67  | .11 | .41 | .41 | 1.81 | 1.00 | 30      |
| 94342    | 1 Str.     | 1/2       | 1-3/4        | Green  | .360 | .469  | 4.65  | 1.25 | .70  | .11 | .51 | .62 | 2.99 | 1.75 | 30      |
| 94345    | 1/0 Str.   | 1/4       | 5/8          | Pink   | .390 | .520  | 3.39  | 1.38 | .74  | .13 | .25 | .28 | 1.25 | .63  | 25      |
| 94346    | 1/0 Str.   | 5/16      | 7/8          | Pink   | .390 | .520  | 3.39  | 1.38 | .74  | .13 | .33 | .32 | 1.61 | .87  | 25      |
| 94348    | 1/0 Str.   | 3/8       | 1            | Pink   | .390 | .520  | 3.58  | 1.38 | .74  | .13 | .41 | .38 | 1.81 | 1.00 | 25      |
| 94350    | 1/0 Str.   | 1/2       | 1-3/4        | Pink   | .390 | .520  | 4.76  | 1.38 | .74  | .13 | .51 | .62 | 2.99 | 1.75 | 25      |
| 94352    | 2/0 Str.   | 1/4       | 5/8          | Black  | .441 | .563  | 3.86  | 1.50 | .81  | .12 | .25 | .28 | 1.25 | .63  | 20      |
| 94353    | 2/0 Str.   | 1/4       | 3/4          | Black  | .441 | .563  | 3.86  | 1.50 | .81  | .12 | .25 | .28 | 1.25 | .75  | 20      |
| 94354    | 2/0 Str.   | 3/8       | 1            | Black  | .441 | .563  | 3.86  | 1.50 | .81  | .12 | .41 | .38 | 1.81 | 1.00 | 20      |
| 94356    | 2/0 Str.   | 1/2       | 1-3/4        | Black  | .441 | .563  | 5.04  | 1.50 | .81  | .12 | .51 | .62 | 2.99 | 1.75 | 20      |
| 94358    | 3/0 Str.   | 1/4       | 3/4          | Orange | .492 | .622  | 3.98  | 1.50 | .90  | .13 | .25 | .28 | 1.25 | .75  | 15      |
| 94359    | 3/0 Str.   | 5/16      | 1            | Orange | .492 | .622  | 3.98  | 1.50 | .90  | .13 | .33 | .32 | 1.62 | 1.00 | 15      |
| 94360    | 3/0 Str.   | 3/8       | 1            | Orange | .492 | .622  | 3.98  | 1.50 | .90  | .13 | .41 | .38 | 1.81 | 1.00 | 15      |
| 94361    | 3/0 Str.   | 3/8       | 1-3/4        | Orange | .492 | .622  | 5.16  | 1.50 | .90  | .13 | .41 | .38 | 1.81 | 1.75 | 20      |
| 94362    | 3/0 Str.   | 1/2       | 1-3/4        | Orange | .492 | .622  | 5.16  | 1.50 | .90  | .13 | .51 | .62 | 2.99 | 1.75 | 20      |
| 94364    | 4/0 Str.   | 1/4       | 3/4          | Purple | .547 | .688  | 4.09  | 1.62 | 1.00 | .13 | .25 | .28 | 1.25 | .75  | 12      |
| 94366    | 4/0 Str.   | 3/8       | 1            | Purple | .547 | .688  | 3.54  | 1.62 | 1.00 | .13 | .41 | .38 | 1.81 | 1.00 | 12      |
| 94367    | 4/0 Str.   | 3/8       | 1-3/4        | Purple | .547 | .688  | 5.28  | 1.62 | 1.00 | .13 | .41 | .38 | 1.81 | 1.75 | 20      |
| 94368    | 4/0 Str.   | 1/2       | 1-3/4        | Purple | .547 | .688  | 5.28  | 1.62 | 1.00 | .13 | .51 | .62 | 2.99 | 1.75 | 20      |
| 94372    | 250 MCM    | 3/8       | 1            | Yellow | .594 | .750  | 4.17  | 1.62 | 1.09 | .15 | .41 | .38 | 1.81 | 1.00 | 12      |
| 94374    | 250 MCM    | 1/2       | 1-3/4        | Yellow | .594 | .750  | 5.35  | 1.62 | 1.09 | .15 | .51 | .62 | 2.99 | 1.75 | 15      |
| 94377    | 300 MCM    | 3/8       | 1            | White  | .658 | .813  | 5.79  | 2.00 | 1.19 | .15 | .41 | .38 | 1.81 | 1.00 | 12      |
| 94378    | 300 MCM    | 1/2       | 1-3/4        | White  | .658 | .813  | 5.79  | 2.00 | 1.19 | .15 | .51 | .62 | 2.99 | 1.75 | 12      |
| 94381    | 350 MCM    | 3/8       | 1            | Red    | .700 | .875  | 5.83  | 2.00 | 1.28 | .17 | .41 | .38 | 1.81 | 1.00 | 10      |
| 94382    | 350 MCM    | 1/2       | 1-3/4        | Red    | .700 | .875  | 5.83  | 2.00 | 1.28 | .17 | .51 | .62 | 2.99 | 1.75 | 10      |
| 94385    | 400 MCM    | 3/8       | 1            | Blue   | .764 | .949  | 5.94  | 2.00 | 1.39 | .18 | .41 | .38 | 1.81 | 1.00 | 10      |
| 94386    | 400 MCM    | 1/2       | 1-3/4        | Blue   | .764 | .949  | 5.94  | 2.00 | 1.39 | .18 | .51 | .62 | 2.99 | 1.75 | 10      |
| 94389    | 500 MCM    | 3/8       | 1            | Brown  | .835 | 1.063 | 6.22  | 2.25 | 1.54 | .22 | .41 | .38 | 1.81 | 1.00 | 8       |
| 94390    | 500 MCM    | 1/2       | 1-3/4        | Brown  | .835 | 1.063 | 6.22  | 2.25 | 1.54 | .22 | .51 | .62 | 2.99 | 1.75 | 8       |
| 94393    | 600 MCM    | 3/8       | 1            | Green  | .925 | 1.188 | 6.57  | 2.50 | 1.72 | .25 | .41 | .38 | 1.81 | 1.00 | 6       |
| 94394    | 600 MCM    | 1/2       | 1-3/4        | Green  | .925 | 1.188 | 6.57  | 2.50 | 1.72 | .25 | .51 | .62 | 2.99 | 1.75 | 6       |
| 94397    | 750 MCM    | 3/8       | 1            | Black  | 1.03 | 1.31  | 6.93  | 2.88 | 1.90 | .27 | .41 | .38 | 1.81 | 1.00 | 4       |
| 94398    | 750 MCM    | 1/2       | 1-3/4        | Black  | 1.03 | 1.31  | 6.93  | 2.88 | 1.90 | .27 | .51 | .62 | 2.99 | 1.75 | 4       |
| 94399    | 1000 MCM   | 1/2       | 1-3/4        | White  | 1.15 | 1.50  | 7.125 | 3.16 | 2.16 | .34 | .51 | .62 | 3.06 | 1.75 | 1       |



# Copper Flex Cable Long Barrel 2 Hole Compression Lugs

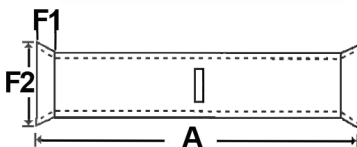


- High Conductivity Seamless Copper
- Electro-Tin Plating Resists Corrosion, Reduces Contact Resistance for Maximum Conductivity
- Flared/Belled Entry for Easy Insertion of Fine Strand Flexible Cable - Class G, H, I, K(Battery), M(Welding), DLO
- Color Coded Die Index and Crimp Marks Printed on Barrel
- UL 486A Listed for Applications Thru 35KV



| Cat. No. | Wire Range | Stud Size | Hole Space | Color Code | COMM | ASTM Class H | Welding Class M | DLO      | A    | A1   | B    | C   | D   | E   | F    | G    | F1  | F2   | Box Qty |
|----------|------------|-----------|------------|------------|------|--------------|-----------------|----------|------|------|------|-----|-----|-----|------|------|-----|------|---------|
| 94702    | 8          | 1/4       | 5/8        | Red        | 8    | 10           | 10              | -        | 2.19 | .81  | .42  | .08 | .25 | .28 | 1.26 | .63  | .12 | .32  | 50      |
| 94703    | 6          | 1/4       | 5/8        | Blue       | 6    | 8            | 8               | (61)     | 2.36 | .98  | .42  | .08 | .25 | .28 | 1.26 | .63  | .16 | .34  | 50      |
| 94705    | 6          | 1/4       | 3/4        | Blue       | 6    | 8            | 8               | (61)     | 2.80 | .98  | .42  | .08 | .25 | .28 | 1.38 | .59  | .16 | .34  | 50      |
| 94706    | 6          | 3/8       | 1          | Blue       | 6    | 8            | 8               | (61)     | 3.24 | .98  | .42  | .08 | .41 | .38 | 1.81 | 1.00 | .16 | .34  | 50      |
| 94707    | 6          | 1/2       | 1-3/4      | Blue       | 6    | 8            | 8               | (61)     | 4.42 | .98  | .87  | .12 | .51 | .62 | 3.00 | 1.75 | .16 | .34  | 50      |
| 94708    | 4          | 1/4       | 5/8        | Gray       | 4    | 6            | 6               | (105)    | 2.36 | .98  | .49  | .09 | .25 | .28 | 1.26 | .63  | .16 | .42  | 50      |
| 94709    | 4          | 1/4       | 3/4        | Gray       | 4    | 6            | 6               | (105)    | 2.88 | .98  | .49  | .09 | .25 | .28 | 1.38 | .75  | .16 | .42  | 50      |
| 94710    | 4          | 3/8       | 1          | Gray       | 4    | 6            | 6               | (105)    | 3.32 | .98  | .42  | .09 | .41 | .38 | 1.81 | 1.00 | .16 | .42  | 50      |
| 94711    | 4          | 1/2       | 1-3/4      | Gray       | 4    | 6            | 6               | (105)    | 4.09 | .98  | .87  | .12 | .51 | .62 | 2.99 | 1.75 | .16 | .42  | 50      |
| 94712    | 2          | 1/4       | 5/8        | Brown      | 2    | 4            | 4               | (125)    | 2.52 | 1.10 | .60  | .10 | .25 | .28 | 1.26 | .63  | .18 | .49  | 25      |
| 94713    | 2          | 1/4       | 3/4        | Brown      | 2    | 4            | 4               | (125)    | 2.64 | 1.10 | .60  | .10 | .25 | .28 | 1.38 | .75  | .18 | .49  | 25      |
| 94716    | 2          | 3/8       | 1          | Brown      | 2    | 4            | 4               | (125)    | 3.46 | 1.10 | .60  | .10 | .41 | .38 | 1.81 | 1.00 | .18 | .49  | 25      |
| 94717    | 2          | 1/2       | 1-3/4      | Brown      | 2    | 4            | 4               | (125)    | 4.25 | 1.10 | .81  | .10 | .51 | .62 | 2.99 | 1.75 | .18 | .49  | 25      |
| 94718    | 1          | 1/4       | 5/8        | Green      | 1    | 2            | 2               | (150)    | 2.56 | 1.10 | .67  | .11 | .25 | .28 | 1.26 | .63  | .18 | .53  | 25      |
| 94719    | 1          | 1/4       | 3/4        | Green      | 1    | 2            | 2               | (150)    | 3.00 | 1.10 | .67  | .11 | .25 | .28 | 1.38 | .75  | .18 | .53  | 25      |
| 94721    | 1          | 3/8       | 1          | Green      | 1    | 2            | 2               | (150)    | 3.46 | 1.10 | .67  | .11 | .41 | .38 | 1.81 | 1.00 | .18 | .53  | 25      |
| 94722    | 1          | 1/2       | 1-3/4      | Green      | 1    | 2            | 2               | (150)    | 4.29 | 1.10 | .75  | .10 | .51 | .62 | 2.99 | 1.75 | .18 | .53  | 25      |
| 94725    | 1/0        | 1/2       | 1-3/4      | Pink       | 1/0  | 1            | 1               | (225)    | 4.63 | 1.20 | .74  | .12 | .51 | .62 | 2.99 | 1.75 | .18 | .56  | 10      |
| 94726    | 2/0        | 1/4       | 3/4        | Black      | 2/0  | 1/0          | 1/0             | 1/0(275) | 2.99 | 1.38 | .81  | .12 | .25 | .28 | 1.38 | .75  | .24 | .64  | 10      |
| 94727    | 2/0        | 3/8       | 1          | Black      | 2/0  | 1/0          | 1/0             | 1/0(275) | 3.43 | 1.38 | .81  | .12 | .41 | .38 | 1.81 | 1.00 | .24 | .64  | 10      |
| 94728    | 2/0        | 1/2       | 1-3/4      | Black      | 2/0  | 1/0          | 1/0             | 1/0(275) | 4.61 | 1.38 | .81  | .12 | .51 | .62 | 2.99 | 1.75 | .24 | .64  | 10      |
| 94730    | 3/0        | 3/8       | 1          | Orange     | 3/0  | 2/0          | -               | 2/0(325) | 3.50 | 1.38 | .90  | .13 | .41 | .38 | 1.81 | 1.00 | .24 | .72  | 10      |
| 94732    | 3/0        | 1/2       | 1-3/4      | Orange     | 3/0  | 2/0          | -               | 2/0(325) | 4.65 | 1.38 | .90  | .13 | .51 | .62 | 2.99 | 1.75 | .24 | .72  | 10      |
| 94733    | 4/0        | 3/8       | 1          | Purple     | 4/0  | 3/0          | 2/0             | 3/0(450) | 3.54 | 1.42 | 1.00 | .13 | .41 | .38 | 1.81 | 1.00 | .26 | .77  | 10      |
| 94734    | 4/0        | 1/2       | 1-3/4      | Purple     | 4/0  | 3/0          | 2/0             | 3/0(450) | 4.72 | 1.42 | 1.00 | .13 | .51 | .62 | 2.99 | 1.75 | .26 | .77  | 10      |
| 94735    | 250        | 3/8       | 1          | Yellow     | 250  | -            | 3/0             | 4/0(550) | 3.78 | 1.61 | 1.09 | .15 | .41 | .38 | 1.81 | 1.00 | .26 | .84  | 10      |
| 94736    | 250        | 1/2       | 1-3/4      | Yellow     | 250  | -            | 3/0             | 4/0(550) | 4.96 | 1.61 | 1.09 | .15 | .51 | .62 | 2.99 | 1.75 | .26 | .84  | 10      |
| 94737    | 300        | 1/2       | 1-3/4      | White      | 300  | 4/0          | 4/0             | 262.6    | 5.31 | 1.97 | 1.19 | .15 | .51 | .62 | 2.99 | 1.75 | .31 | .94  | 10      |
| 94738    | 350        | 3/8       | 1          | Red        | 350  | 250          | 250             | 313.1    | 4.60 | 1.97 | 1.28 | .17 | .41 | .38 | 1.81 | 1.00 | .33 | 1.02 | 10      |
| 94739    | 350        | 1/2       | 1-3/4      | Red        | 350  | 250          | 250             | 313.1    | 5.39 | 1.97 | 1.28 | .17 | .51 | .62 | 2.99 | 1.75 | .33 | 1.02 | 10      |
| 94740    | 400        | 1/2       | 1-3/4      | Blue       | 400  | 300          | 300             | 350      | 5.47 | 1.97 | 1.39 | .18 | .51 | .62 | 2.99 | 1.75 | .33 | 1.08 | 10      |
| 94741    | 500        | 3/8       | 1          | Brown      | 500  | 350          | 350             | 373.3    | 5.04 | 2.24 | 1.54 | .22 | .41 | .38 | 1.81 | 1.00 | .35 | 1.20 | 10      |
| 94742    | 500        | 1/2       | 1-3/4      | Brown      | 500  | 350          | 350             | 373.3    | 5.75 | 2.24 | 1.54 | .22 | .51 | .62 | 2.99 | 1.75 | .35 | 1.20 | 10      |
| 94744    | 600        | 1/2       | 1-3/4      | Green      | 600  | 400          | 400             | 444.4    | 5.79 | 2.24 | 1.72 | .25 | .51 | .62 | 2.99 | 1.75 | .39 | 1.34 | 6       |
| 94746    | 750        | 1/2       | 1-3/4      | Black      | 750  | 600          | 500             | -        | 6.30 | 2.64 | 1.90 | .27 | .51 | .62 | 2.99 | 1.75 | .43 | 1.47 | 3       |

# Copper Flex Cable Short Barrel Compression Splices - Copper Splices

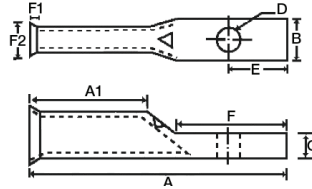


Dimensions = Inches

| Cat. No. | Conductor Range | Color Code | COMM | ASTM Class H | Welding Class M | DLO      | Length (A) | F1  | F2   | Box Qty |
|----------|-----------------|------------|------|--------------|-----------------|----------|------------|-----|------|---------|
| 94750    | 8               | Red        | 8    | 10           | 10              | -        | .90        | .12 | .32  | 50      |
| 94751    | 6               | Blue       | 6    | 8            | 8               | (61)     | 1.00       | .16 | .34  | 50      |
| 94752    | 4               | Gray       | 4    | 6            | 6               | (105)    | 1.00       | .16 | .42  | 50      |
| 94753    | 2               | Brown      | 2    | 4            | 4               | (125)    | 1.25       | .18 | .49  | 25      |
| 94754    | 1               | Green      | 1    | 2            | 2               | (150)    | 1.80       | .18 | .53  | 25      |
| 94755    | 1/0             | Pink       | 1/0  | 1            | 1               | (225)    | 1.60       | .18 | .56  | 10      |
| 94756    | 2/0             | Black      | 2/0  | 1/0          | 1/0             | 1/0(275) | 1.75       | .24 | .64  | 10      |
| 94757    | 3/0             | Orange     | 3/0  | 2/0          | -               | 2/0(325) | 1.75       | .24 | .72  | 10      |
| 94758    | 4/0             | Purple     | 4/0  | 3/0          | 2/0             | 3/0(450) | 1.90       | .26 | .77  | 10      |
| 94759    | 250             | Yellow     | 250  | -            | 3/0             | 4/0(550) | 2.00       | .26 | .84  | 10      |
| 94760    | 300             | White      | 300  | 4/0          | 4/0             | 262.6    | 2.10       | .31 | .94  | 10      |
| 94761    | 350             | Red        | 350  | 250          | 250             | 313.1    | 2.10       | .33 | 1.02 | 10      |

### Copper Flex Cable Short Barrel 1 Hole Compression Lugs

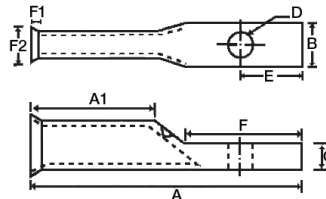
- High Conductivity Seamless Copper
- Electro-Tin Plating Resists Corrosion, Reduces Contact Resistance for Maximum Conductivity
- Flared/Belled Entry for Easy Insertion of Fine Strand Flexible Cable - Class G, H, I, K(Battery), M(Welding), DLO
- Color Coded Die Index and Crimp Marks Printed on Barrel
- UL 486A Listed for Applications Thru 35KV



| Cat. No. | Wire Range | Stud Size | Color Code | COMM | ASTM Class H | Welding Class M | DLO      | A    | A1   | B    | C   | D   | E   | F    | F1  | F2   | Box Qty |
|----------|------------|-----------|------------|------|--------------|-----------------|----------|------|------|------|-----|-----|-----|------|-----|------|---------|
| 94602    | 8          | #10       | Red        | 8    | 10           | 10              | -        | 1.20 | .44  | .42  | .08 | .21 | .28 | .59  | .12 | .32  | 50      |
| 94606    | 6          | 1/4       | Blue       | 6    | 8            | 8               | (61)     | 1.50 | .71  | .42  | .08 | .25 | .30 | .67  | .16 | .34  | 50      |
| 94610    | 4          | 5/16      | Gray       | 4    | 6            | 6               | (105)    | 1.50 | .71  | .49  | .08 | .33 | .31 | .67  | .16 | .42  | 50      |
| 94614    | 2          | 5/16      | Brown      | 2    | 4            | 4               | (125)    | 1.80 | .83  | .60  | .10 | .33 | .37 | .81  | .18 | .49  | 25      |
| 94618    | 1          | 5/16      | Green      | 1    | 2            | 2               | (150)    | 1.83 | .83  | .67  | .11 | .33 | .37 | .81  | .18 | .53  | 25      |
| 94622    | 1/0        | 3/8       | Pink       | 1/0  | 1            | 1               | (225)    | 1.83 | .83  | .74  | .13 | .41 | .37 | .81  | .18 | .56  | 10      |
| 94626    | 2/0        | 1/2       | Black      | 2/0  | 1/0          | 1/0             | 1/0(275) | 2.24 | .94  | .81  | .12 | .51 | .47 | 1.06 | .24 | .64  | 10      |
| 94630    | 3/0        | 1/2       | Orange     | 3/0  | 2/0          | -               | 2/0(325) | 2.36 | .98  | .90  | .13 | .51 | .47 | 1.06 | .24 | .72  | 10      |
| 94634    | 4/0        | 1/2       | Purple     | 4/0  | 3/0          | 2/0             | 3/0(450) | 2.36 | .98  | 1.00 | .13 | .51 | .47 | 1.06 | .26 | .77  | 10      |
| 94636    | 250        | 1/2       | Yellow     | 250  | -            | 3/0             | 4/0(550) | 2.48 | 1.06 | 1.09 | .15 | .51 | .47 | 1.06 | .26 | .84  | 10      |
| 94637    | 300        | 1/2       | White      | 300  | 4/0          | 4/0             | 262.6    | 2.49 | 1.06 | 1.19 | .15 | .51 | .52 | 1.06 | .31 | .94  | 10      |
| 94638    | 300        | 5/8       | White      | 300  | 4/0          | 4/0             | 262.6    | 2.80 | 1.06 | 1.19 | .15 | .67 | .52 | 1.38 | .31 | .94  | 10      |
| 94639    | 350        | 1/2       | Red        | 350  | 250          | 250             | 313.1    | 2.61 | 1.10 | 1.28 | .17 | .51 | .52 | 1.06 | .33 | 1.02 | 10      |
| 94640    | 350        | 5/8       | Red        | 350  | 250          | 250             | 313.1    | 2.91 | 1.10 | 1.28 | .16 | .67 | .52 | 1.38 | .33 | 1.02 | 10      |
| 94641    | 400        | 1/2       | Blue       | 400  | 300          | 300             | 350      | 3.08 | 1.18 | 1.39 | .18 | .51 | .52 | 1.38 | .33 | 1.08 | 10      |
| 94642    | 400        | 5/8       | Blue       | 400  | 300          | 300             | 350      | 3.08 | 1.18 | 1.39 | .18 | .67 | .52 | 1.38 | .33 | 1.08 | 10      |
| 94643    | 500        | 1/2       | Brown      | 500  | 350          | 350             | 373.3    | 3.28 | 1.38 | 1.54 | .22 | .51 | .52 | 1.38 | .35 | 1.20 | 10      |
| 94644    | 500        | 5/8       | Brown      | 500  | 350          | 350             | 373.3    | 3.28 | 1.38 | 1.54 | .22 | .67 | .52 | 1.38 | .35 | 1.20 | 10      |
| 94646    | 600        | 5/8       | Green      | 600  | 400          | 400             | 444.4    | 3.50 | 1.50 | 1.72 | .25 | .67 | .69 | 1.46 | .39 | 1.34 | 6       |
| 94647    | 750        | 5/8       | Black      | 750  | 600          | 500             | -        | 4.37 | 1.85 | 1.90 | .27 | .67 | .69 | 1.85 | .43 | 1.47 | 3       |

### Copper Flex Cable Long Barrel 1 Hole Compression Lugs

- High Conductivity Seamless Copper
- Electro-Tin Plating Resists Corrosion, Reduces Contact Resistance for Maximum Conductivity
- Flared/Belled Entry for Easy Insertion of Fine Strand Flexible Cable - Class G, H, I, K(Battery), M(Welding), DLO
- Color Coded Die Index and Crimp Marks Printed on Barrel
- UL 486A Listed for Applications Thru 35KV



Dimensions = Inches

| Cat. No. | Wire Range | Stud Size | Color Code | COMM | ASTM Class H | Welding Class M | DLO      | A    | A1   | B    | C   | D   | E   | F    | F1  | F2   | Box Qty |
|----------|------------|-----------|------------|------|--------------|-----------------|----------|------|------|------|-----|-----|-----|------|-----|------|---------|
| 94650    | 8          | 1/4       | Red        | 8    | 10           | 10              | -        | 1.52 | .81  | .42  | .08 | .25 | .28 | .59  | .12 | .32  | 50      |
| 94652    | 6          | #10       | Blue       | 6    | 8            | 8               | (61)     | 1.77 | .98  | .42  | .08 | .21 | .30 | .67  | .16 | .34  | 50      |
| 94653    | 6          | 1/4       | Blue       | 6    | 8            | 8               | (61)     | 1.77 | .98  | .42  | .08 | .25 | .30 | .67  | .16 | .34  | 50      |
| 94656    | 4          | 10        | Gray       | 4    | 6            | 6               | (105)    | 1.77 | .98  | .49  | .09 | .21 | .31 | .67  | .16 | .42  | 50      |
| 94657    | 4          | 1/4       | Gray       | 4    | 6            | 6               | (105)    | 1.77 | .98  | .49  | .09 | .25 | .31 | .67  | .16 | .42  | 50      |
| 94659    | 4          | 5/16      | Gray       | 4    | 6            | 6               | (105)    | 1.77 | .98  | .49  | .09 | .33 | .31 | .67  | .16 | .42  | 50      |
| 94661    | 2          | 5/16      | Brown      | 2    | 4            | 4               | (125)    | 2.07 | 1.10 | .60  | .10 | .33 | .37 | .81  | .18 | .49  | 25      |
| 94663    | 1          | 5/16      | Green      | 1    | 2            | 2               | (150)    | 2.11 | 1.10 | .67  | .11 | .33 | .37 | .81  | .18 | .53  | 25      |
| 94665    | 1/0        | 5/16      | Pink       | 1/0  | 1            | 1               | (225)    | 2.21 | 1.20 | .74  | .13 | .33 | .37 | 1.06 | .18 | .56  | 10      |
| 94666    | 1/0        | 3/8       | Pink       | 1/0  | 1            | 1               | (225)    | 2.21 | 1.20 | .74  | .13 | .41 | .37 | 1.06 | .18 | .56  | 10      |
| 94667    | 1/0        | 1/2       | Pink       | 1/0  | 1            | 1               | (225)    | 2.50 | 1.20 | .74  | .13 | .51 | .47 | 1.06 | .18 | .56  | 10      |
| 94668    | 2/0        | 3/8       | Black      | 2/0  | 1/0          | 1/0             | 1/0(275) | 2.68 | 1.38 | .81  | .12 | .41 | .47 | 1.06 | .24 | .64  | 10      |
| 94669    | 2/0        | 1/2       | Black      | 2/0  | 1/0          | 1/0             | 1/0(275) | 2.68 | 1.38 | .81  | .12 | .51 | .47 | 1.06 | .24 | .64  | 10      |
| 94671    | 3/0        | 1/2       | Orange     | 3/0  | 2/0          | -               | 2/0(325) | 2.80 | 1.38 | .90  | .13 | .51 | .47 | 1.06 | .24 | .72  | 10      |
| 94674    | 4/0        | 1/2       | Purple     | 4/0  | 3/0          | 2/0             | 3/0(450) | 2.80 | 1.42 | 1.00 | .13 | .51 | .52 | 1.06 | .26 | .77  | 10      |
| 94676    | 250        | 1/2       | Yellow     | 250  | -            | 3/0             | 4/0(550) | 3.03 | 1.61 | 1.09 | .15 | .51 | .52 | 1.06 | .26 | .84  | 10      |
| 94677    | 300        | 1/2       | White      | 300  | 4/0          | 4/0             | 262.6    | 3.39 | 1.97 | 1.19 | .15 | .51 | .52 | 1.06 | .31 | .94  | 10      |
| 94678    | 350        | 1/2       | Red        | 350  | 250          | 250             | 313.1    | 3.46 | 1.97 | 1.28 | .17 | .51 | .52 | 1.06 | .33 | 1.02 | 10      |
| 94679    | 350        | 5/8       | Red        | 350  | 250          | 250             | 313.1    | 3.46 | 1.97 | 1.28 | .17 | .67 | .51 | 1.06 | .33 | 1.02 | 10      |
| 94680    | 400        | 1/2       | Blue       | 400  | 300          | 300             | 350      | 3.86 | 1.97 | 1.39 | .18 | .51 | .51 | 1.38 | .33 | 1.08 | 10      |
| 94681    | 400        | 5/8       | Blue       | 400  | 300          | 300             | 350      | 3.86 | 1.97 | 1.39 | .18 | .67 | .51 | 1.38 | .33 | 1.08 | 10      |
| 94683    | 500        | 5/8       | Brown      | 500  | 350          | 350             | 373.3    | 4.13 | 2.24 | 1.54 | .22 | .67 | .51 | 1.38 | .35 | 1.20 | 10      |
| 94684    | 600        | 5/8       | Green      | 600  | 400          | 400             | 444.4    | 4.25 | 2.24 | 1.72 | .25 | .67 | .69 | 1.46 | .39 | 1.34 | 6       |
| 94685    | 750        | 5/8       | Black      | 750  | 600          | 500             | -        | 5.16 | 2.64 | 1.90 | .27 | .67 | .69 | 1.85 | .43 | 1.47 | 3       |

## Dual Rated Aluminum Mechanical Splices - Dual Splices

- Manufactured from High Strength 6061-T6 Aluminum Alloy to Ensure Both Maximum Strength and Conductivity
- Dual Rated for Both Copper and Aluminum Conductors and Electro-Tin Plated for Low Contact Resistance and Protection Against Corrosion
- Assembly Can be Made with Only a Screwdriver or Allen Wrench and Connectors Are Re-Usable
- Rated 600V; 194°F (90°C)
- 90612-90614 Have Slotted Screws
- UL486B LISTED AL9CU



fig 1



fig 2



Dimensions = Inches

| Cat. No.     | Awg | Fig | Wire Range    | Length | Width | Height | Box Qty |
|--------------|-----|-----|---------------|--------|-------|--------|---------|
| <b>90612</b> | 2   | 1   | 2-14          | 1.12   | .44   | .50    | 50      |
| <b>90614</b> | 1/0 | 1   | 1/0-14        | 1.50   | .53   | .63    | 25      |
| <b>90615</b> | 2/0 | 1   | 2/0-8         | 1.59   | .56   | .70    | 25      |
| <b>90616</b> | 250 | 2   | 4/0-250MCM-6  | 3.94   | 1.00  | 1.13   | 10      |
| <b>90617</b> | 250 | 1   | 4/0-250MCM-6  | 2.00   | .84   | 1.10   | 10      |
| <b>90620</b> | 500 | 2   | 500MCM-3/0    | 4.19   | 1.36  | 1.50   | 3       |
| <b>90624</b> | 750 | 2   | 750MCM-250MCM | 6.06   | 1.53  | 1.75   | 1       |

## Dual Rated Aluminum Mechanical Turn-Prevent Lugs - Dual Lugs

- Set Screw Connectors with a Turn Prevent on the bottom of the Tang to Eliminate Potential Movement/ Torquing of the Connector
- Made of 6061-T6 Aluminum Alloy
- Tin Plated for Low Contact Resistance & Corrosion Protection
- Suitable for use with Both Copper & Aluminum Conductors
- Rated 600V

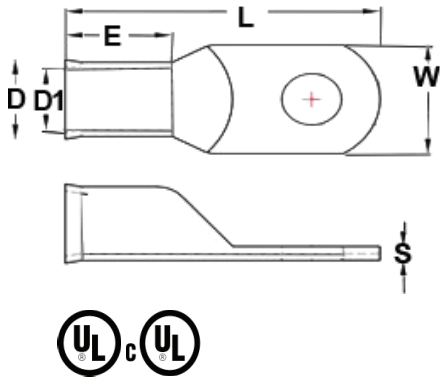


Dimensions = Inches

| Cat. No.                              | Wire Range | Dimensions |       |        | Stud Size | Turn Prevent to Mtg Hole Center | Box Qty |
|---------------------------------------|------------|------------|-------|--------|-----------|---------------------------------|---------|
|                                       |            | Length     | Width | Height |           |                                 |         |
| <b>One Conductor - one hole mount</b> |            |            |       |        |           |                                 |         |
| <b>91310</b>                          | 2-14       | 1.16       | .50   | .55    | 0.25      | 0.500                           | 100     |
| <b>91314</b>                          | 300-6      | 2.00       | .94   | 1.12   | 0.3125    | 0.625                           | 25      |

### Copper Tubular Lugs

- DC Battery, Solar and AC Electrical Applications
- High Conductivity Seamless Tubular Copper
- Electro-Tin Plated
- Flared Belled Barrel
- 105°C 600V
- UL & cUL Listed



| Cat. No. | Wire AWG | Stud Size d2 | W   | d1   | D    | L    | E    | S    | Box Qty |
|----------|----------|--------------|-----|------|------|------|------|------|---------|
| 92002    | 6        | 3/8          | .55 | .230 | .307 | 1.33 | .354 | .067 | 25      |
| 92004    | 4        | 3/8          | .55 | .287 | .358 | 1.40 | .394 | .071 | 25      |
| 92006    | 2        | 3/8          | .65 | .339 | .433 | 1.71 | .630 | .091 | 25      |
| 92008    | 2        | 1/2          | .75 | .339 | .433 | 1.71 | .630 | .091 | 25      |
| 92010    | 1/0      | 3/8          | .75 | .417 | .512 | 1.85 | .630 | .098 | 25      |
| 92012    | 1/0      | 1/2          | .75 | .417 | .512 | 1.85 | .630 | .098 | 25      |
| 92014    | 2/0      | 3/8          | .83 | .461 | .563 | 2.05 | .728 | .102 | 25      |
| 92016    | 2/0      | 1/2          | .83 | .461 | .563 | 2.05 | .728 | .102 | 25      |

Dimensions = Inches



# Dual Rated Aluminum Mechanical Lugs

- Manufactured from High Strength 6061-T6 Aluminum Alloy to Insure Both Maximum Strength and Conductivity
- Dual Rated for Both Copper and Aluminum Conductors
- Electro-Tin Plated for Low Contact Resistance and Protection Against Corrosion
- Assembly can be Made With Only a Screwdriver or Allen Wrench
- Connectors are Re-Usable
- NEMA Standard 1-3/4" Center Hole Spacing
- Rated 600V; 194°F (90°C)
- UL486B LISTED AL9CU

Dimensions = Inches



fig 8

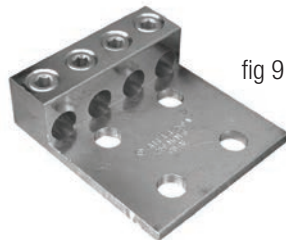


fig 9

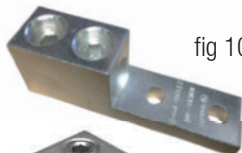


fig 10

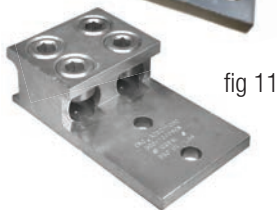


fig 11



fig 12



fig 13

| Cat. No.  | AWG  | Fig | Wire Range     | Length | Width | Height | stud Size | Box Qty |
|---|------|-----|----------------|--------|-------|--------|-----------|---------|
| <b>THREE CONDUCTORS - TWO &amp; FOUR HOLE MOUNT</b> |      |     |                |        |       |        |           |         |
| 90852   | 250  | 8   | 250MCM-6SOL.   | 4.00   | 2.81  | 1.19   | 0.50      | 4       |
| 90854   | 350  | 8   | 350MCM-6SOL.   | 4.13   | 3.00  | 1.21   | 0.50      | 4       |
| 90857   | 500  | 8   | 500MCM-4SOL.   | 4.63   | 3.75  | 1.63   | 0.50      | 2       |
| 90858   | 600  | 8   | 600MCM-4SOL.   | 4.63   | 3.75  | 1.63   | 0.50      | 2       |
| 90860   | 800  | 8   | 800MCM-300MCM  | 4.75   | 4.50  | 1.75   | 0.50      | 2       |
| 90862   | 1000 | 8   | 1000MCM-500MCM | 4.75   | 4.50  | 1.75   | 0.50      | 2       |
| <b>FOUR CONDUCTORS - FOUR HOLE MOUNT</b>            |      |     |                |        |       |        |           |         |
| 90872   | 250  | 9   | 250MCM-6SOL.   | 4.13   | 3.74  | 1.25   | 0.50      | 4       |
| 90874   | 350  | 9   | 350MCM-6SOL.   | 4.13   | 3.94  | 1.25   | 0.50      | 4       |
| 90875   | 500  | 9   | 500MCM-4SOL.   | 4.58   | 5.00  | 1.62   | 0.50      | 2       |
| 90876   | 600  | 9   | 600MCM-4SOL.   | 4.58   | 5.00  | 1.62   | 0.50      | 2       |
| 90880   | 1000 | 9   | 1000MCM-350MCM | 4.62   | 5.97  | 1.94   | 0.50      | 2       |

Dimensions = Inches

| Cat. No.                               | AWG  | Fig | Wire Range     | Length | Width | Height | stud Size | Box Qty |
|--|------|-----|----------------|--------|-------|--------|-----------|---------|
| <b>ONE CONDUCTOR - TWO HOLE MOUNT</b>  |      |     |                |        |       |        |           |         |
| 90941                                  | 600  | 10  | 600MCM-4SOL.   | 5.75   | 1.50  | 1.57   | 0.50      | 4       |
| 90944                                  | 1000 | 10  | 1000MCM-500MCM | 5.75   | 1.75  | 1.94   | 0.50      | 4       |
| <b>TWO CONDUCTORS - TWO HOLE MOUNT</b> |      |     |                |        |       |        |           |         |
| 90950                                  | 350  | 11  | 350MCM-6SOL.   | 5.15   | 1.91  | 1.22   | 0.50      | 4       |
| 90951                                  | 600  | 11  | 600MCM-4SOL.   | 5.58   | 2.40  | 1.57   | 0.50      | 2       |
| 90952                                  | 1000 | 11  | 1000MCM-350MCM | 5.75   | 3.56  | 1.94   | 0.50      | 2       |

Dimensions = Inches

| Cat. No.  | AWG  | Fig | Wire Range     | Length | Width | Height | stud Size | Box Qty |
|---|------|-----|----------------|--------|-------|--------|-----------|---------|
| <b>THREE CONDUCTORS - TWO &amp; FOUR HOLE MOUNT</b> |      |     |                |        |       |        |           |         |
| 90961   | 600  | 12  | 600MCM-2SOL.   | 5.58   | 3.75  | 1.63   | 0.50      | 2       |
| 90962   | 800  | 12  | 800MCM-350MCM  | 5.75   | 4.57  | 1.94   | 0.50      | 2       |
| 90963   | 1000 | 12  | 1000MCM-500MCM | 5.75   | 4.57  | 1.94   | 1         | 2       |
| <b>FOUR CONDUCTORS - FOUR HOLE MOUNT</b>            |      |     |                |        |       |        |           |         |
| 90966   | 600  | 13  | 600MCM-2SOL.   | 5.58   | 5.00  | 1.62   | 0.50      | 2       |
| 90967   | 800  | 13  | 800MCM-350MCM  | 5.58   | 5.51  | 1.94   | 0.50      | 2       |
| 90968   | 1000 | 13  | 1000MCM-350MCM | 4.62   | 5.97  | 1.94   | 0.50      | 2       |



### Dual Rated Aluminum Mechanical Lugs



- Manufactured from High Strength 6061-T6 Aluminum Alloy to Insure Both Maximum Strength and Conductivity
- Dual Rated for both Copper and Aluminum Conductors
- Electro-Tin Plated for Low Contact Resistance and Protection Against Corrosion
- Assembly can be Made With Only a Screwdriver or Allen Wrench
- Connectors are Re-Usable
- NEMA Standard 1-3/4" Center Hole Spacing
- Rated 600V; 194°F (90°C)
- 90712-90718 & 90812-90814 Have Slotted Screws
- UL486B LISTED AL9CU

Dimensions = Inches

| Cat. No.                              | AWG  | Fig | Wire Range     | Length | Width | Height | stud size | Box Qty |
|---------------------------------------|------|-----|----------------|--------|-------|--------|-----------|---------|
| <b>One Conductor - One Hole Mount</b> |      |     |                |        |       |        |           |         |
| 90712                                 | 6    | 1   | 6STR.-14SOL.   | 1.06   | 0.50  | 0.50   | 0.25      | 100     |
| 90714                                 | 2    | 1   | 2STR.-14SOL.   | 1.16   | 0.50  | 0.55   | 0.25      | 100     |
| 90716                                 | 1/0  | 2   | 1/0STR.-14SOL. | 1.46   | 0.63  | 0.79   | 0.25      | 50      |
| 90718                                 | 2/0  | 2   | 2/0STR.-14SOL. | 1.46   | 0.63  | 0.79   | 0.25      | 50      |
| 90720                                 | 250  | 2   | 250MCM-6SOL.   | 2.00   | 0.94  | 1.12   | 0.3125    | 25      |
| 90722                                 | 350  | 2   | 350MCM-6SOL.   | 2.25   | 1.26  | 1.25   | 0.375     | 10      |
| 90724                                 | 500  | 2   | 500MCM-4SOL.   | 2.82   | 1.50  | 1.57   | 0.375     | 10      |
| 90726                                 | 600  | 2   | 600MCM-2SOL.   | 3.19   | 1.50  | 1.57   | 0.375     | 10      |
| 90728                                 | 800  | 2   | 800MCM-300MCM  | 3.37   | 1.75  | 1.94   | 0.625     | 3       |
| 90729                                 | 1000 | 2   | 1000MCM-500MCM | 3.37   | 1.75  | 1.94   | 0.625     | 5       |



fig 1



fig 2

Dimensions = Inches

| Cat. No.  | AWG  | Fig | Wire Range     | Length | Width | Height | stud size | Box Qty |
|---|------|-----|----------------|--------|-------|--------|-----------|---------|
| <b>One Conductor - Two Hole Mount</b>                         |      |     |                |        |       |        |           |         |
| 90732   | 350  | 3   | 350MCM-6SOL.   | 4.22   | 1.13  | 1.25   | 0.50      | 15      |
| 90733   | 500  | 3   | 500MCM-4SOL.   | 4.22   | 1.50  | 1.57   | 0.50      | 6       |
| 90734   | 600  | 3   | 600MCM-2SOL.   | 4.22   | 1.50  | 1.57   | 0.50      | 5       |
| 90735   | 800  | 3   | 800MCM-300MCM  | 4.62   | 1.75  | 1.94   | 0.50      | 5       |
| 90736   | 1000 | 3   | 1000MCM-500MCM | 4.62   | 1.75  | 1.94   | 0.50      | 5       |
| <b>One Conductor - Two Hole Mount - Slotted Mounting Hole</b> |      |     |                |        |       |        |           |         |
| 90742   | 350  | 4   | 350MCM-4SOL.   | 3.97   | 1.13  | 1.25   | 0.50      | 5       |



fig 3



fig 4

Dimensions = Inches

| Cat. No.                               | AWG  | Fig | Wire Range     | Length | Width | Height | stud size | Box Qty |
|--|------|-----|----------------|--------|-------|--------|-----------|---------|
| <b>Two Conductors - One Hole Mount</b> |      |     |                |        |       |        |           |         |
| 90812                                  | 1/0  | 5   | 1/0STR.-14SOL. | 1.34   | 1.12  | 0.69   | 0.28      | 25      |
| 90814                                  | 2/0  | 5   | 2/0STR.-14SOL. | 1.47   | 1.19  | 0.75   | 0.28      | 12      |
| 90816                                  | 250  | 6   | 250MCM-6SOL.   | 1.94   | 1.72  | 1.00   | 0.41      | 8       |
| 90818                                  | 350  | 6   | 350MCM-6SOL.   | 2.12   | 1.88  | 1.09   | 0.56      | 6       |
| 90820                                  | 600  | 6   | 600MCM-2SOL.   | 3.19   | 2.41  | 1.56   | 0.56      | 3       |
| 90822                                  | 800  | 6   | 800MCM-300MCM  | 3.38   | 2.93  | 1.94   | 0.66      | 3       |
| 90824                                  | 1000 | 6   | 1000MCM-350MCM | 3.50   | 3.50  | 1.94   | 0.66      | 3       |
| <b>Two Conductors - Two Hole Mount</b> |      |     |                |        |       |        |           |         |
| 90841                                  | 250  | 7   | 250MCM-6SOL.   | 2.56   | 1.66  | 1.19   | 0.50      | 8       |
| 90842                                  | 350  | 7   | 350MCM-6SOL.   | 4.13   | 1.91  | 1.22   | 0.50      | 6       |
| 90844                                  | 600  | 7   | 600MCM-2SOL.   | 4.65   | 2.41  | 1.51   | 0.56      | 3       |
| 90845                                  | 800  | 7   | 800MCM-1/0STR. | 4.75   | 2.75  | 1.69   | 0.56      | 3       |



fig 5

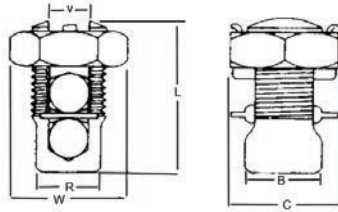


fig 6



fig 7

## Copper Split Bolt Connectors - Direct Burial



UL467 Listed  
Suitable For  
Direct Burial &  
Grounding/Bonding

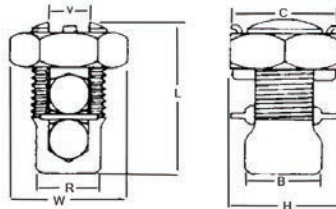


- UL listed for Copper and Copper Weld Stranded Wires Only
- Manufactured from Compact, High Strength, High Copper Content Alloy
- Free Running Threads and Easy To Grip Wrench Flats
- Highly Resistant to Cracking and Corrosion
- Provides a Maximum Pressure and Ensures a Secure Connection on all Combinations of Connectors
- UL 467 Listed for Direct Burial & Grounding/Bonding Applications
- Rated 600 Volts

Dimensions = Inches

| Cat. No. | Awg     | Max Run To Max Tap | Min Run To Min Tap | Max Run To Min Tap | Min Equal Tap & Run | Torque In-Lb | B    | C    | L    | R    | V    | W    | Box Qty |
|----------|---------|--------------------|--------------------|--------------------|---------------------|--------------|------|------|------|------|------|------|---------|
| 90314    | 8       | 8-8                | 10-16              | 8-16               | 10-10               | 88           | .472 | .562 | .854 | .413 | .145 | .650 | 100     |
| 90316    | 6       | 4-4                | 8-14               | 4-14               | 8-8                 | 165          | .492 | .625 | .906 | .413 | .165 | .722 | 100     |
| 90318    | 4       | 4-4                | 6-14               | 4-14               | 8-8                 | 165          | .709 | .812 | 1.16 | .579 | .268 | .938 | 50      |
| 90320    | 2       | 2-2                | 6-14               | 2-14               | 6-6                 | 275          | .748 | .812 | 1.26 | .614 | .326 | .938 | 50      |
| 90322    | 1/0     | 1/0-1/0            | 2-14               | 1/0-14             | 4-4                 | 385          | .787 | .937 | 1.54 | .708 | .374 | 1.08 | 50      |
| 90324    | 2/0     | 2/0-2/0            | 1-14               | 2/0-14             | 2-2                 | 385          | .866 | 1.06 | 1.69 | .807 | .421 | 1.28 | 25      |
| 90326    | 3/0     | 3/0-3/0            | 2/0-8              | 3/0-8              | 1-1                 | 500          | 1.10 | 1.25 | 2.09 | .976 | .531 | 1.45 | 25      |
| 90328    | 4/0-250 | 250-250            | 4/0-8              | 250-8              | 1-1                 | 500          | 1.10 | 1.25 | 2.09 | 1.06 | .579 | 1.45 | 25      |
| 90330    | 350     | 350-350            | 350-1/0            | 350-1/0            | 2/0-2/0             | 650          | 1.22 | 1.50 | 2.36 | 1.18 | .700 | 1.73 | 12      |
| 90332    | 500     | 500-500            | 500-2/0            | 500-2/0            | 300-300             | 825          | 1.34 | 1.75 | 2.84 | 1.34 | .815 | 2.10 | 12      |
| 90334    | 750     | 750-750            | 750-350            | 750-#8             | 350-350             | 1000         | 1.94 | 2.31 | 3.51 | 1.94 | 1.02 | 2.31 | 1       |

## Copper Split Bolt Connectors - With Spacer - Direct Burial



- UL listed for Copper and Copper Weld Stranded Wires Only
- Manufactured from Compact, High Strength, High Copper Content Alloy
- Uniform Bright Electro-Tin Plating Resists Corrosion, Reduces Contact Resistance for Maximum Conductivity
- Spacer Separates Dissimilar Conductors and Provides Enhanced Surface Contact
- Area Preventing Intermittent Contact Between Run & Tap Connectors
- Free Turning Threads and Easy To Grip Wrench Flats
- Highly Resistant to Cracking and Corrosion
- UL 467 Listed for Direct Burial & Grounding/Bonding Applications
- Rated for 600 Volts

Dimensions = Inches

| Cat. No. | Awg     | Max Run To Max Tap | Min Run To Min Tap | Max Run To Min Tap | Min Equal Tap & Run | Torque In-Lb | B    | C    | H     | L    | R    | V    | W    | Box Qty |
|----------|---------|--------------------|--------------------|--------------------|---------------------|--------------|------|------|-------|------|------|------|------|---------|
| 90360    | 3/0     | 3/0-3/0            | 2/0-8              | 3/0-8              | 1-1                 | 500          | 1.10 | 1.25 | 1.520 | 2.20 | .976 | .531 | 1.45 | 25      |
| 90362    | 4/0-250 | 250-250            | 4/0-8              | 250-8              | 1-1                 | 500          | 1.10 | 1.25 | 1.574 | 2.22 | 1.06 | .579 | 1.45 | 25      |
| 90364    | 350     | 350-350            | 350-1/0            | 350-1/0            | 2/0-2/0             | 650          | 1.22 | 1.50 | 1.771 | 2.56 | 1.18 | .700 | 1.73 | 12      |
| 90366    | 500     | 500-500            | 500-2/0            | 500-2/0            | 300-300             | 825          | 1.34 | 1.75 | 1.968 | 2.95 | 1.34 | .815 | 2.10 | 12      |

### Copper Mechanical Lugs

- Solid One-Piece Copper Connector Made From Extruded or Stamped Electrolytic Copper for Superior Mechanical Strength and Excellent Electrical Performance
- Steel Slotted or Allen-Head Screw
- Suitable For Use With Copper Wire Only
- Rated 600V



Dimensions = Inches

| Cat. No.                                  | Fig | Wire Range | Bolt Size | Dimensions |       |        | Pad Thickness | Screw Type | Box Qty |
|---|-----|------------|-----------|------------|-------|--------|---------------|------------|---------|
|   |     |            |           | Length     | Width | Height |               |            |         |
| <b>Extruded Copper - Straight Tang</b>    |     |            |           |            |       |        |               |            |         |
| 90560                                     | 1   | 6-14       | 1/4       | 1.020      | 5/16  | 0.375  | 3/32          | 1/4" Hex   | 100     |
| 90562                                     | 1   | 4-14       | 1/4       | 1.075      | 0.44  | 0.45   | 3/32          | 1/4" Hex   | 100     |
| 90564                                     | 1   | 2-14       | 5/16      | 1.125      | 0.48  | 0.458  | 1/8           | 1/4" Hex   | 50      |
| 90566                                     | 1   | 1/0-14     | 7/16      | 1.277      | 0.66  | 0.548  | 1/8           | 1/4" Hex   | 50      |
| 90568                                     | 1   | 4/0-2      | 5/8       | 1.950      | 0.95  | 0.812  | 7/32          | 1/4" Hex   | 10      |
| <b>Copper - Straight &amp; Round Tang</b> |     |            |           |            |       |        |               |            |         |
| 90506                                     | 3   | 6—14       | 1/4       | 1.02       | 0.40  | 0.375  | 1/16          | Slotted    | 100     |
| 90507                                     | 3   | 4 - 14     | 5/16      | 1.075      | 0.444 | 0.45   | 3/32          | Slotted    | 100     |
| 90550                                     | 4   | 8 - 14     | 3/16      | 1-3/16     | 0.375 | 0.375  | 5/64          | Slotted    | 100     |
| 90552                                     | 4   | 4 - 14     | 1/4       | 1-1/8      | 0.50  | 0.09   | 3/32          | Slotted    | 100     |
| 90554                                     | 4   | 1/0 - 8    | 5/16      | 1-1/2      | 0.75  | 0.75   | 3/32          | 1/4" Hex   | 50      |



### Copper Mechanical OffSet Lugs

- Manufactured from High Strength Pure Electrolytic Copper to Insure Both Maximum Strength and Conductivity
- Arched Pressure Bar and V-bottom Collar Positions the Wire for Positive Contact and Maximum Reliability
- Steel Plated Screws/Bolts Prevent Rusting
- Easy to Install with Screwdriver, Wrench or Pliers
- Copper Finish
- Rated 600 Volts

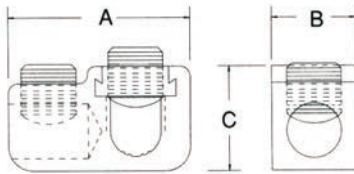


Dimensions = Inches

| Cat. No.                        | Amp Rating | Wire Range  | Length | Width | Height | Hole Size | Box Qty |
|---------------------------------|------------|-------------|--------|-------|--------|-----------|---------|
| <b>Single Conductor Off-Set</b> |            |             |        |       |        |           |         |
| 90514                           | 35A        | 6-14        | 1.19   | 0.38  | 0.50   | 0.19      | 100     |
| 90515                           | 70A        | 4-14        | 1.31   | 0.50  | 0.56   | 0.27      | 100     |
| 90516                           | 90A        | 2-8         | 1.55   | 0.50  | 0.65   | 0.36      | 50      |
| 90518                           | 125A       | 1/0-2       | 1.97   | 0.63  | 0.88   | 0.27      | 50      |
| 90520                           | 175A       | 3/0-4       | 2.19   | 0.75  | 1.03   | 0.41      | 25      |
| 90522                           | 225A       | 4/0-2       | 2.38   | 1.00  | 1.17   | 0.34      | 25      |
| 90524                           | 300A       | 350 MCM-1/0 | 3.16   | 1.00  | 1.39   | 0.41      | 18      |
| 90526                           | 400A       | 500 MCM-1/0 | 4.25   | 1.50  | 1.57   | 0.41      | 3       |



## Aluminum Parallel & Tee Tap Connectors



- Dual Rated for Both Copper and Aluminum Conductors and Electro Tin Plated to Provide Low Contact Resistance and Protection Against Corrosion
- Manufactured from High Strength 6061-T6 Aluminum Alloy to Ensure Both Maximum Strength and Conductivity
- Dual Entry Wire Holes Allow for Parallel or Tee Tap Connectors
- Assembly Can be Made With Only a Screwdriver or Allen Wrench
- Re-Usable
- Rated 90°C
- 600 Volt

| Cat. No.     | AWG     | Main Wire | Tap Wire | A    | B    | C    | Box Qty |
|--------------|---------|-----------|----------|------|------|------|---------|
| <b>91012</b> | 2       | 2-12      | 4-14     | 1.39 | 0.63 | 0.88 | 50      |
| <b>91014</b> | 1/0     | 1/0-2     | 1/0-14   | 1.75 | 0.75 | 1.00 | 25      |
| <b>91016</b> | 250-1/0 | 250-1/0   | 1/0-14   | 2.25 | 1.00 | 1.31 | 25      |
| <b>91018</b> | 250     | 250-1/0   | 250-6    | 2.00 | 1.00 | 1.31 | 12      |
| <b>91020</b> | 350     | 350-4/0   | 350-6    | 2.56 | 1.25 | 1.44 | 12      |
| <b>91022</b> | 500     | 500-350   | 500-2    | 3.13 | 1.38 | 1.75 | 12      |
| <b>91023</b> | 750     | 750-500   | 500-2    | 3.38 | 1.50 | 2.00 | 6       |

Dimensions = Inches

## Aluminum Parallel & Tee Tap Covers



- Flexible Covers Allow for Either Parallel or 'T' Tap Wire Entry
- Secure Snap Eliminates the Need for Taping
- Rated 90°C; 600 Volt

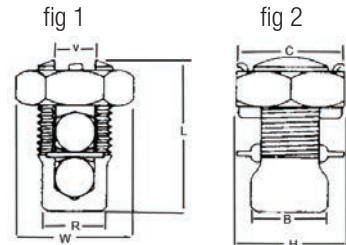
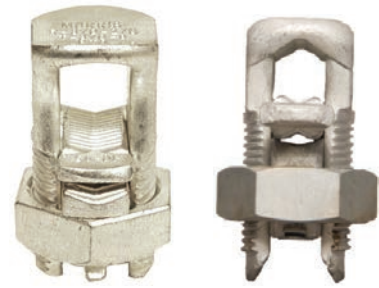
| Cat. No.     | AWG | Cover Color | L      | W      | H       | Box Qty |
|--------------|-----|-------------|--------|--------|---------|---------|
| <b>91112</b> | 2   | Yellow      | 2-7/32 | 1-9/32 | 1-7/64  | 12      |
| <b>91114</b> | 1/0 | Gray        | 2-5/8  | 2-5/32 | 1-1/4   | 12      |
| <b>91116</b> | 250 | Red         | 3-7/16 | 2-7/8  | 1-5/8   | 12      |
| <b>91118</b> | 350 | Yellow      | 3-3/4  | 3-3/16 | 1-3/4   | 12      |
| <b>91120</b> | 500 | Blue        | 4-3/8  | 3-5/16 | 2-3/32  | 12      |
| <b>91122</b> | 750 | Orange      | 4-5/8  | 3-7/16 | 2-11/32 | 12      |

Dimensions = Inches

### Dual Rated Split Bolts - Direct Burial

- UL 486B AL9CU Listed for All Combinations of Aluminum, Aluminum to Copper, and Copper to Copper Stranded Wires
- UL 467 Listed for Direct Burial & Grounding/Bonding Applications
- 90412-90420 Manufactured from Copper Alloy, 90422-90426 Manufactured From Aluminum Alloy
- Uniform Bright Electro-Tin Plating Resists Corrosion, Reduces Contact Resistance and Gives You Maximum Conductivity
- Spacer Separates Dissimilar Conductors and Provides Enhanced Surface Contact Area Preventing Intermittent Contact Between Run & Tap Connectors
- Free Turning Threads and Easy To Grip Wrench Flats
- Highly Resistant to Cracking and Corrosion
- Anti-Oxidant is Recommended For All Aluminum Terminations
- Rated for 600 Volts

UL467 Listed Suitable For Direct Burial & Grounding/Bonding



UL486B LISTED AL9CU  
  
 DIRECT BURIAL UL467

| Cat. No. | FIG | Awg | Max Run To Max Tap | Min Run To Min Tap | Max Run To Min Tap | Min Equal Tap & Run | Temp Rating | Torque In-Lb | B    | C    | L    | H    | R    | V    | W    | Box Qty |
|----------|-----|-----|--------------------|--------------------|--------------------|---------------------|-------------|--------------|------|------|------|------|------|------|------|---------|
| 90412    | 1   | 6   | 4-4                | 8-14               | 4-14               | 8-8                 | 75°C        | 165          | .492 | .625 | .830 | 1.06 | .413 | .165 | .722 | 100     |
| 90414    | 1   | 4   | 4-4                | 6-14               | 4-14               | 8-8                 | 75°C        | 165          | .709 | .812 | 1.04 | 1.24 | .579 | .268 | .938 | 50      |
| 90416    | 1   | 2   | 2-2                | 6-14               | 2-14               | 6-6                 | 75°C        | 275          | .748 | .812 | 1.13 | 1.44 | .614 | .326 | .938 | 50      |
| 90418    | 1   | 1/0 | 1/0-1/0            | 2-14               | 1/0-14             | 4-4                 | 75°C        | 385          | .787 | .937 | 1.25 | 1.73 | .708 | .374 | 1.08 | 50      |
| 90420    | 1   | 2/0 | 2/0-2/0            | 1-14               | 2/0-14             | 2-2                 | 75°C        | 385          | .866 | 1.06 | 1.30 | 1.71 | .807 | .421 | 1.23 | 25      |
| 90422*   | 2   | 4/0 | 250-250            | 1-8                | 4/0-6              | -                   | 90°C        | 500          | 1.17 | 1.50 | 1.13 | 2.75 | 1.17 | .560 | 1.73 | 30      |
| 90424*   | 2   | 350 | 350-350            | 1/0-4              | 250-8              | -                   | 90°C        | 650          | 1.66 | 1.68 | 1.48 | 2.99 | 1.50 | .696 | 1.93 | 12      |
| 90426*   | 2   | 500 | 500-500            | 400-2              | 500-2              | -                   | 90°C        | 825          | 1.95 | 2.10 | 1.70 | 3.29 | 1.71 | .850 | 2.30 | 12      |

\* Not Direct Burial Rated

Dimensions = Inches

### Service Post Connectors - One & Two Wire

- Used To Ground One or Two Wires to Steel Structures, Transformers, Fence Posts, Steel Bar or Plate
- Lay-In Feature is Perfect for Continuous Loop Grounding Applications
- High Strength Electrolytic Copper
- UL 467 Listed for Direct Burial & Grounding/Bonding Applications in Earth or Concrete

| Cat. No.      | Awg | Wire Range        | Overall Length | Exposed Length | Internal Thread | External Thread | Box Qty |
|---------------|-----|-------------------|----------------|----------------|-----------------|-----------------|---------|
| <b>1 Wire</b> |     |                   |                |                |                 |                 |         |
| 90368         | 8   | #14 - #8          | 1.69           | .69            | 3/8" x 24       | 1/4" x 20       | 25      |
| 90369         | 6   | #8 - #6           | 1.89           | .89            | 1/2" x 20       | 1/4" x 20       | 25      |
| 90370         | 4   | #10 - #4          | 1.95           | .95            | 9/16" x 18      | 5/16" x 18      | 25      |
| 90371         | 2   | #10 - #2          | 2.19           | 1.06           | 5/16" x 18      | 3/8" x 16       | 25      |
| 90372         | 1   | #8 - #1           | 2.21           | 1.08           | 11/16" x 16     | 1/2" x 13       | 25      |
| 90373         | 2/0 | #4 - 2/0          | 2.59           | 1.32           | 3/4" x 16       | 1/2" x 13       | 10      |
| 90375         | 4/0 | #1 - 4/0          | 3.21           | 1.71           | 1-1/8" x 12     | 5/8" x 11       | 5       |
| <b>2 Wire</b> |     |                   |                |                |                 |                 |         |
| 90380         | 8   | (2) #14 - (2) #8  | 1.81           | .81            | 3/8" x 24       | 1/4" x 20       | 25      |
| 90381         | 6   | (2) #10 - (2) #6  | 1.97           | .98            | 7/16" x 20      | 1/4" x 20       | 25      |
| 90382         | 4   | (2) #12 - (2) #4  | 2.17           | 1.18           | 1/2" x 20       | 5/16" x 18      | 25      |
| 90383         | 2   | (2) #12 - (2) #2  | 2.38           | 1.26           | 9/16" x 18      | 3/8" x 16       | 25      |
| 90384         | 1   | (2) #2 - (2) #1   | 2.52           | 1.40           | 11/16" x 16     | 1/2" x 13       | 10      |
| 90385         | 1/0 | (2) #10 - (2) 1/0 | 2.93           | 1.69           | 3/4" x 16       | 1/2" x 13       | 10      |
| 90386         | 2/0 | (2) #10 - (2) 2/0 | 3.15           | 1.88           | 7/8" x 14       | 1/2" x 13       | 5       |
| 90387         | 4/0 | (2) #10 - (2) 4/0 | 3.76           | 2.25           | 1-1/8" x 11     | 5/8" x 11       | 5       |

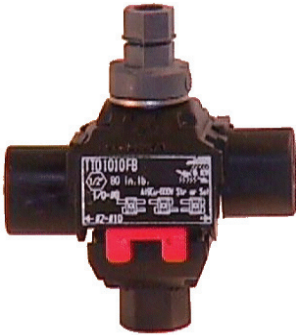
Dimensions = Inches



LISTED
   
 DIRECT BURIAL
   
 UL467



# Insulation Piercing Connectors - Above Ground



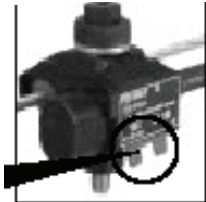
Installs In Just Minutes  
Saving Many Man-Hours On The Job

Eliminates Wire Stripping  
Connecting & Taping of Split Bolts  
and Adding Inhibitor

Can be installed on Energized  
Circuits eliminating Power  
Shutdowns



Allows for main wire to be inserted & hand tightened, while spacer holds the tap location completely open for easy wire insertion



'Turbo' Spacer

All models except 96102 & 96104

**Blue Rubber Insert**

Replaces insulation when used on bare wire. Used to avoid any damage on neutral messenger.

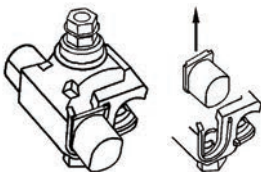


Remove blue insert if main wire is insulated

Leave blue insert if main wire is bare

Only on Models 96106, 96110, 96114

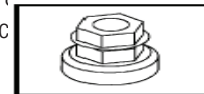
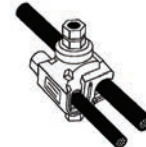
1 - Determine direction for tap conductor to enter connector.  
Remove and discard extra end cap.



2 - Insert tap conductor, making sure conductor is fully seated in end cap.



3 - Place connector on main conductor & tighten the bolt with a closed-end wrench or socket until top shear-head nut breaks off.



After Torquing

- Overhead services - both insulated & bare mains, above grade URD services, street lighting, non-tension splicing & tapping, insulated replacement for split bolts, tapping without cutting the main, gutter taps
- Double shear-head bolt guarantees correct torque every time, ensuring a quality connection, & eliminating the possibility of hot spots, damaged wires or loose connections
- No cable stripping required, simply insert the jacketed cable into the entry port & tighten with a 1/2" 6 point socket
- Turbo spacer allows tap side to remain open while you hand tighten the connector on the main wire (note models)
- The bolt and all external parts of the connector are completely

isolated from energized parts and the bolt is covered by the plastic shear-head. The installer has no contact with an energized part

- Can be installed on energized conductors, however, the tap must not be under load
- Corrosion-free connection is good for hot, cold, damp, & salty connections. Properly installed the connector seals water-tight.
- This is accomplished by a sealant gel, that during installation is compressed and forces sealant to protect the connection from oxygen and water. Copper teeth are tin plated, the connector bodies are made from strength fiber-reinforced thermoplastic and galvanized steel bolts

Dimensions = Inches

| Cat. No. | Number Of Bolts | Torque in inch lbs. | Bolt Head Size | Conductor Range |         | Dimensions in Inches |     |     | Box Qty |
|----------|-----------------|---------------------|----------------|-----------------|---------|----------------------|-----|-----|---------|
|          |                 |                     |                | Main AWG        | Tap AWG | H                    | W   | L   |         |
| 96102    | 1               | 80                  | 1/2            | 2/0-6           | 8-14    | 3.6                  | 1.7 | 2.7 | 12      |
| 96104    | 1               | 80                  | 1/2            | 750-3/0         | 10-14   | 4.3                  | 2.4 | 2.8 | 12      |
| 96106    | 1               | 80                  | 1/2            | 1/0-8           | 2-10    | 3.7                  | 2.0 | 3.0 | 12      |
| 96110    | 1               | 125                 | 1/2            | 1/0-8           | 1/0-8   | 3.7                  | 2.0 | 3.0 | 12      |
| 96108    | 1               | 125                 | 1/2            | 4/0-3           | 2-10    | 3.9                  | 1.7 | 2.7 | 12      |
| 96114    | 1               | 160                 | 1/2            | 250-4           | 4/0-6   | 4.3                  | 2.4 | 3.2 | 12      |
| 96116    | 2               | 330                 | 5/8            | 350-1/0         | 350-1/0 | 5.4                  | 3.1 | 5.0 | 4       |
| 96118    | 2               | 330                 | 5/8            | 500-2/0         | 4/0-4   | 5.4                  | 3.1 | 5.0 | 4       |
| 96120    | 2               | 330                 | 5/8            | 500-4/0         | 350-1/0 | 5.4                  | 3.0 | 5.0 | 4       |
| 96122    | 2               | 330                 | 5/8            | 750-250         | 500-250 | 5.6                  | 3.6 | 5.7 | 4       |



UL467 Listed &  
CSA C22.2 No.41  
Suitable For Direct Burial  
& Grounding/Bonding



fig 1



fig 2

Dimensions = Inches

## Copper C-Taps

- Applications Include Copper to Copper Tapping, Splicing or Stub/Pigtail
- High Strength Electrolytic Copper
- Allows for 2 Continuous Parallel Conductors
- Compact Size & Range Taking

Dimensions = Inches

| Cat. No. | FIG | Die Color | Conductor Range |         | Dimensions |      |        |      | Box Qty |     |
|----------|-----|-----------|-----------------|---------|------------|------|--------|------|---------|-----|
|          |     |           | RUN             | TAP     | STRIP L    | L    | W (ID) | H    |         | T   |
| 91802    | 1   | Red       | 14              | 16-14   | 1/2        | .32  | .18    | .16  | .07     | 275 |
|          |     |           | 12              | 16-12   |            |      |        |      |         |     |
|          |     |           | 10              | 14      |            |      |        |      |         |     |
| 91803    | 1   | Blue      | 10              | 10      | 5/8        | .61  | .32    | .36  | .07     | 275 |
|          |     |           | 8               | 12      |            |      |        |      |         |     |
| 91804    | 1   | Gray      | 6               | 10-12   | 5/8        | .61  | .32    | .43  | .07     | 200 |
|          |     |           | 8               | 8-10    |            |      |        |      |         |     |
| 91805    | 1   | Brown     | 4               | 8-10-12 | 1-1/4      | 1.17 | .41    | .43  | .07     | 150 |
|          |     |           | 6               | 6-8     |            |      |        |      |         |     |
| 91806    | 1   | Green     | 4               | 6-4     | 1-1/4      | 1.17 | .45    | .52  | .07     | 100 |
|          |     |           | 3               | 12-6    |            |      |        |      |         |     |
| 91807    | 1   | Pink      | 4               | 4       | 1-1/4      | 1.17 | .49    | .54  | .07     | 100 |
|          |     |           | 3               | 4-6     |            |      |        |      |         |     |
| 91808    | 1   | Black     | 2               | 12-6    | 2          | 1.75 | .53    | .64  | .07     | 100 |
|          |     |           | 1               | 12-4    |            |      |        |      |         |     |
|          |     |           | 2               | 4-6     |            |      |        |      |         |     |
| 91809    | 1   | Orange    | 2               | 4-3     | 2          | 1.75 | .61    | .71  | .09     | 50  |
|          |     |           | 1               | 4-3     |            |      |        |      |         |     |
|          |     |           | 2               | 4-2     |            |      |        |      |         |     |
| 91810    | 1   | Purple    | 2/0             | 12-4    | 2          | 1.75 | .69    | .77  | .09     | 30  |
|          |     |           | 1/0             | 2       |            |      |        |      |         |     |
|          |     |           | 1               | 1-2     |            |      |        |      |         |     |
| 91811    | 1   | Yellow    | 3/0             | 2-12    | 1          | 1.75 | .81    | 1.07 | .09     | 30  |
|          |     |           | 2/0             | 1-2     |            |      |        |      |         |     |
|          |     |           | 1/0             | 1/0-1   |            |      |        |      |         |     |

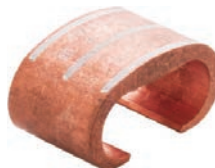
| Cat. No. | FIG | Die Color | Conductor Range |         | Dimensions |      |        |      | Box Qty |    |
|----------|-----|-----------|-----------------|---------|------------|------|--------|------|---------|----|
|          |     |           | RUN             | TAP     | STRIP L    | L    | W (ID) | H    |         | T  |
| 91812    | 2   | Blue      | 1               | 1       | 1          | 1.30 | .79    | .63  | .16     | 50 |
|          |     |           | 1/0             | 1/0-2   |            |      |        |      |         |    |
|          |     |           | 2/0             | 2/0-4   |            |      |        |      |         |    |
|          |     |           | 3/0             | 1/0-6   |            |      |        |      |         |    |
|          |     |           | 4/0             | 1-8     |            |      |        |      |         |    |
| 91813    | 2   | Brown     | 2/0             | 2/0-1   | 1          | 1.46 | .79    | .79  | .20     | 50 |
|          |     |           | 3/0             | 3/0-3   |            |      |        |      |         |    |
|          |     |           | 4/0             | 4/0-4   |            |      |        |      |         |    |
| 91814    | 2   | Pink      | 250             | 1/0-8   | 1-1/8      | 1.67 | 1.03   | .85  | .20     | 25 |
|          |     |           | 3/0             | 2/0-1   |            |      |        |      |         |    |
|          |     |           | 4/0             | 3/0-3   |            |      |        |      |         |    |
| 91815    | 2   | Black     | 4/0             | 4/0-4   | 1-1/8      | 1.71 | 1.03   | .90  | .20     | 25 |
|          |     |           | 250             | 250-1   |            |      |        |      |         |    |
|          |     |           | 300             | 4/0-4   |            |      |        |      |         |    |
|          |     |           | 350             | 3/0-6   |            |      |        |      |         |    |
| 91816*   | 2   | Yellow    | 250             | 250     | 1-5/16     | 1.87 | 1.28   | 1.02 | .20     | 15 |
|          |     |           | 300             | 300-3/0 |            |      |        |      |         |    |
|          |     |           | 350             | 350-1/0 |            |      |        |      |         |    |
|          |     |           | 400             | 300-2   |            |      |        |      |         |    |
|          |     |           | 450             | 250-4   |            |      |        |      |         |    |
| 91817*   | 2   | White     | 500             | 250-6   | 1-5/16     | 2.17 | 1.29   | 1.18 | .30     | 10 |
|          |     |           | 350             | 350-4/0 |            |      |        |      |         |    |
|          |     |           | 400             | 400-2/0 |            |      |        |      |         |    |
|          |     |           | 450             | 450-1   |            |      |        |      |         |    |
| 91818*   | 2   | -         | 500             | 500-2   | 2-3/4      | 2.75 | 1.97   | 1.34 | .16     | 5  |
|          |     |           | 750             | 4/0-6   |            |      |        |      |         |    |
|          |     |           | 750             | 750-4/0 |            |      |        |      |         |    |

\*not listed for direct burial, grounding or bonding

## Copper C-Taps - Heavy Wall

- Heavy Wall High Strength Electrolytic Copper
- Allows for 2 Continuous Parallel Conductors
- Range Taking

Dimensions = Inches



UL467 Listed &  
CSA C22.2 No.41  
Suitable For Direct Burial  
& Grounding/Bonding

| Cat. No. | Conductor Range |         | Die Type | Dimensions |        |      |     |       | Strip Length | Box Qty |
|----------|-----------------|---------|----------|------------|--------|------|-----|-------|--------------|---------|
|          | RUN Max         | TAP Max |          | L (OD)     | L (ID) | W    | D   | Entry |              |         |
| 91819    | 6-6             | 6-6     | BG       | .77        | .46    | .71  | .43 | .29   | 3/4          | 50      |
| 91820    | 6-4             | 4-4     | BG       | .81        | .53    | .63  | .47 | .31   | 3/4          | 25      |
| 91821    | 2-2             | 8-4     | C        | .98        | .65    | .75  | .61 | .37   | 3/4          | 50      |
| 91822    | 2-2             | 2-2     | C        | 1.05       | .76    | .76  | .60 | .45   | 3/4          | 50      |
| 91823    | 1/0-2/0         | 1/0-2/0 | C        | 1.35       | .87    | .95  | .80 | .43   | 1-1/8        | 25      |
| 91824    | 3/0-4/0         | 1/0-2/0 | D3       | 1.64       | 1.01   | 1.07 | .97 | .60   | 1-1/4        | 15      |
| 91825    | 3/0-4/0         | 3/0-4/0 | D3       | 1.58       | 1.10   | 1.07 | .97 | .56   | 1-1/4        | 15      |

# Submersible Insulated Streetlighting Connectors

- Designed for use in Direct Burial & Submersible Streetlighting applications such as hand holes, below grade boxes, in ground or water
- Range Taking Design Reduces Inventory
- AL9CU Dual Rated for Copper & Aluminum Conductors
- Insulated with High Dielectric Strength Rubber Compound
- Molded for Precise Fit & supplied with removable access plugs over the hex screws
- Eliminates the need for Taping, Heat Shrink etc.
- Abrasion and chemical resistant, will not support combustion
- Meets or exceeds ANSI C119.1 Specifications for a Submersible Connection
- UL Listed for Wet Locations, Direct Burial & Submersible per UL486D
- Rated 600 Volts, Cold Temperature UL tested to 0°F



Can be used for any type of splice

Dimensions = Inches



Fig 1



Fig 2

| Cat. No. | Fig | Number of Ports | Wire Range AWG | Wire Range (inches) | Bolt Size | Dimensions (inches) |      |      | Case Qty |
|----------|-----|-----------------|----------------|---------------------|-----------|---------------------|------|------|----------|
|          |     |                 |                |                     |           | H                   | W    | L    |          |
| 98042    | 1   | 2               | 2/0-14         | .365-.064           | 3/16      | 2.13                | 2.75 | 1.80 | 40       |
| 98043    | 1   | 3               | 2/0-14         | .365-.064           | 3/16      | 2.13                | 2.75 | 2.65 | 25       |
| 98044    | 1   | 4               | 2/0-14         | .365-.064           | 3/16      | 2.13                | 2.75 | 3.49 | 25       |
| 98046    | 1   | 6               | 2/0-14         | .365-.064           | 3/16      | 2.13                | 2.75 | 5.17 | 25       |
| 98052    | 2   | 3               | 2/0-14         | .365-.064           | 3/16      | 2.13                | 4.25 | 2.65 | 25       |

### Cable Splicing - ShakeN'Seal Resin Encapsulation Kits



| Wire Type | 600 Volts or less                   |        |         |                              |        |
|-----------|-------------------------------------|--------|---------|------------------------------|--------|
|           | Butt or Branch Splice Configuration |        |         | Through Splice Configuration |        |
|           | 67020                               | 67022  | 67024   | 67024                        | 67026  |
|           | ES137S                              | ES200S | ES200SV | ES200SV                      | ES1150 |
|           | No. of Conductors (Max.)            |        |         |                              |        |
| 18-16     | 10                                  | 20     | 14      | 14                           |        |
| 14-12     | 6                                   | 12     | 9       | 9                            |        |
| 10        | 4                                   | 8      | 6       | 6                            |        |
| 8         | 3                                   | 6      | 4       | 4                            | 4      |
| 6         | 2                                   | 2      | 2       | 2                            | 3      |
| 4         | 2                                   | 2      | 2       | 2                            | 2      |
| 3         | 2                                   | 2      | 2       | 2                            | 2      |
| 2         | 1                                   | 2      | 2       | 2                            | 2      |
| 1         | 1                                   | 2      | 2       | 2                            | 2      |
| 1/o       |                                     |        |         | 2                            | 2      |
| 2/o       |                                     |        |         | 2                            | 2      |
| 3/o       |                                     |        |         | 2                            | 2      |
| 4/o       |                                     |        |         | 2                            | 2      |

- Exothermic Encapsulating Resin Technology
- Submersible/Direct Burial Rated
- Permanent Watertight Seal Protects Against Voltage Leakage, Cable Deterioration, & Cable Failure
- Fast Error-Proof Setup - Low-Viscosity Resin Compound Penetrates Completely Around Splice
- Fungus Resistant
- Rated for Use with Cable Rated to 90°C
- 600V
- UL 486D CSA 198.2 Listed
- 67028 not UL listed\*
- Packed in Protective Foil Bags



67020/67022



67024



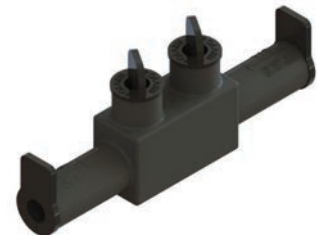
67026

| Cat. No. | Model No. | Wire Range         | Splice Type           | Voltage | Bag Qty | Case Qty |
|----------|-----------|--------------------|-----------------------|---------|---------|----------|
| 67020    | ES137S    | #18-#1             | Butt/Branch           | 600     | 1       | 50       |
| 67022    | ES200S    | #18-#1             | Butt/Branch           | 600     | 1       | 30       |
| 67024    | ES200SV   | #18 - 1, (#18-4/0) | Butt/Branch (In-Line) | 600     | 1       | 25       |
| 67026    | ES1150    | #8-4/0             | In-Line               | 600     | 1       | 25       |

### Submersible Insulated Splice Connectors



- Designed for use in Direct Burial & Submersible installations such as hand holes, below grade boxes, in the ground or submersed in water
- Range Taking Design Reduces Inventory
- AL9CU Dual Rated for Copper & Aluminum Conductors
- Insulated with High Dielectric Strength Rubber Compound
- Molded for Precise Fit & supplied with removable access plugs over the hex screws
- Eliminates the need for Taping, Heat Shrink etc.
- Abrasion and Chemical Resistant, will not support combustion
- Meets or exceeds ANSI C119.1 Specifications for a Submersible Connection
- UL Listed for Wet or Damp Locations, Direct Burial & Submersible per UL486D
- Rated 600 Volts, Cold Temperature UL tested to 0°F



Dimensions = Inches

| Cat. No. | Wire Range AWG | Wire Range (inches) | Bolt Size | Dimensions (inches) |      |      | Case Qty |
|----------|----------------|---------------------|-----------|---------------------|------|------|----------|
|          |                |                     |           | H                   | W    | L    |          |
| 98012    | 2/0-14         | .365-.064           | 3/16      | 2.13                | 0.88 | 5.50 | 25       |

## Thin Wall Heat Shrink Tubing - 4' Length



- Flexible Polyolefin Heat Shrink Tubing
- 2:1 Shrink Ratio
- 600 Volt
- 257°F (125°C) Continuous Operation
- For Insulating, Wire Harness, Wire Bundling, Splicing & Terminations
- UL 224 Recognized

Dimensions = Inches

| Cat No. | Length | Color | Diameter Before Shrinking | Diameter After Shrinking | Bag Qty |
|---------|--------|-------|---------------------------|--------------------------|---------|
| 68072   | 4 Ft   | Black | .078                      | .029                     | 1       |
| 68074   | 4 Ft   | Black | .098                      | .039                     | 1       |
| 68076   | 4 Ft   | Black | .137                      | .059                     | 1       |
| 68078   | 4 Ft   | Black | .211                      | .098                     | 1       |
| 68080   | 4 Ft   | Black | .250                      | .117                     | 1       |
| 68082   | 4 Ft   | Black | .367                      | .176                     | 1       |
| 68084   | 4 Ft   | Black | .484                      | .234                     | 1       |
| 68086   | 4 Ft   | Black | .827                      | .390                     | 1       |
| 68088   | 4 Ft   | Black | 1.26                      | .590                     | 1       |
| 68382   | 4 Ft   | Clear | .078                      | .029                     | 1       |
| 68383   | 4 Ft   | Clear | .098                      | .039                     | 1       |
| 68384   | 4 Ft   | Clear | .137                      | .059                     | 1       |
| 68385   | 4 Ft   | Clear | .211                      | .098                     | 1       |
| 68386   | 4 Ft   | Clear | .250                      | .117                     | 1       |
| 68387   | 4 Ft   | Clear | .367                      | .176                     | 1       |
| 68388   | 4 Ft   | Clear | .484                      | .234                     | 1       |
| 68389   | 4 Ft   | Clear | .827                      | .390                     | 1       |
| 68391   | 4 Ft   | Red   | .078                      | .029                     | 1       |
| 68392   | 4 Ft   | Red   | .098                      | .039                     | 1       |
| 68393   | 4 Ft   | Red   | .137                      | .059                     | 1       |
| 68394   | 4 Ft   | Red   | .211                      | .098                     | 1       |
| 68395   | 4 Ft   | Red   | .250                      | .117                     | 1       |
| 68396   | 4 Ft   | Red   | .367                      | .176                     | 1       |
| 68397   | 4 Ft   | Red   | .484                      | .234                     | 1       |
| 68398   | 4 Ft   | Red   | .827                      | .390                     | 1       |
| 68399   | 4 Ft   | Red   | 1.26                      | .590                     | 1       |
| 68400   | 4 Ft   | Green | .078                      | .029                     | 1       |
| 68401   | 4 Ft   | Green | .098                      | .039                     | 1       |
| 68402   | 4 Ft   | Green | .137                      | .059                     | 1       |
| 68403   | 4 Ft   | Green | .211                      | .098                     | 1       |
| 68404   | 4 Ft   | Green | .250                      | .117                     | 1       |
| 68405   | 4 Ft   | Green | .367                      | .176                     | 1       |
| 68406   | 4 Ft   | Green | .484                      | .234                     | 1       |
| 68407   | 4 Ft   | Green | .827                      | .390                     | 1       |
| 68408   | 4 Ft   | Green | 1.26                      | .590                     | 1       |
| 68409   | 4 Ft   | White | .078                      | .029                     | 1       |
| 68410   | 4 Ft   | White | .098                      | .039                     | 1       |
| 68411   | 4 Ft   | White | .137                      | .059                     | 1       |
| 68412   | 4 Ft   | White | .211                      | .098                     | 1       |
| 68413   | 4 Ft   | White | .250                      | .117                     | 1       |
| 68414   | 4 Ft   | White | .367                      | .176                     | 1       |
| 68415   | 4 Ft   | White | .484                      | .234                     | 1       |
| 68416   | 4 Ft   | White | .827                      | .390                     | 1       |
| 68417   | 4 Ft   | White | 1.26                      | .590                     | 1       |
| 68418   | 4 Ft   | Blue  | .078                      | .029                     | 1       |
| 68419   | 4 Ft   | Blue  | .098                      | .039                     | 1       |
| 68420   | 4 Ft   | Blue  | .137                      | .059                     | 1       |
| 68421   | 4 Ft   | Blue  | .211                      | .098                     | 1       |
| 68422   | 4 Ft   | Blue  | .250                      | .117                     | 1       |
| 68423   | 4 Ft   | Blue  | .367                      | .176                     | 1       |
| 68424   | 4 Ft   | Blue  | .484                      | .234                     | 1       |
| 68425   | 4 Ft   | Blue  | .827                      | .390                     | 1       |
| 68426   | 4 Ft   | Blue  | 1.26                      | .590                     | 1       |



### Thin Wall Heat Shrink Tubing - 6" length



- Flexible Polyolefin Heat Shrink Tubing
- 2:1 Shrink Ratio
- 600 Volt
- 257°F (125°C) Continuous Operation
- For Insulating, Wire Harness, Wire Bundling, Splicing & Terminations
- UL 224 Recognized



| Cat No. | Length | Color | Diameter Before Shrinking | Diameter After Shrinking | Bag Qty |
|---------|--------|-------|---------------------------|--------------------------|---------|
| 68030   | 6"     | Black | .078                      | .029                     | 50      |
| 68032   | 6"     | Black | .098                      | .039                     | 50      |
| 68034   | 6"     | Black | .137                      | .059                     | 50      |
| 68036   | 6"     | Black | .211                      | .098                     | 10      |
| 68038   | 6"     | Black | .250                      | .117                     | 10      |
| 68040   | 6"     | Black | .367                      | .176                     | 10      |
| 68042   | 6"     | Black | .484                      | .234                     | 10      |
| 68044   | 6"     | Black | .827                      | .390                     | 10      |
| 68046   | 6"     | Black | 1.26                      | .590                     | 10      |
| 68322   | 6"     | Clear | .078                      | .029                     | 50      |
| 68323   | 6"     | Clear | .098                      | .039                     | 50      |
| 68324   | 6"     | Clear | .137                      | .059                     | 50      |
| 68325   | 6"     | Clear | .211                      | .098                     | 10      |
| 68326   | 6"     | Clear | .250                      | .117                     | 10      |
| 68327   | 6"     | Clear | .367                      | .176                     | 10      |
| 68328   | 6"     | Clear | .484                      | .234                     | 10      |
| 68329   | 6"     | Clear | .827                      | .390                     | 10      |
| 68331   | 6"     | Red   | .078                      | .029                     | 50      |
| 68332   | 6"     | Red   | .098                      | .039                     | 50      |
| 68333   | 6"     | Red   | .137                      | .059                     | 50      |
| 68334   | 6"     | Red   | .211                      | .098                     | 10      |
| 68335   | 6"     | Red   | .250                      | .117                     | 10      |
| 68336   | 6"     | Red   | .367                      | .176                     | 10      |
| 68337   | 6"     | Red   | .484                      | .234                     | 10      |
| 68338   | 6"     | Red   | .827                      | .390                     | 10      |
| 68339   | 6"     | Red   | 1.26                      | .590                     | 10      |
| 68340   | 6"     | Green | .078                      | .029                     | 50      |
| 68341   | 6"     | Green | .098                      | .039                     | 50      |
| 68342   | 6"     | Green | .137                      | .059                     | 50      |
| 68343   | 6"     | Green | .211                      | .098                     | 10      |
| 68344   | 6"     | Green | .250                      | .117                     | 10      |
| 68345   | 6"     | Green | .367                      | .176                     | 10      |
| 68346   | 6"     | Green | .484                      | .234                     | 10      |
| 68347   | 6"     | Green | .827                      | .390                     | 10      |
| 68348   | 6"     | Green | 1.26                      | .590                     | 10      |
| 68349   | 6"     | White | .078                      | .029                     | 50      |
| 68350   | 6"     | White | .098                      | .039                     | 50      |
| 68351   | 6"     | White | .137                      | .059                     | 50      |
| 68352   | 6"     | White | .211                      | .098                     | 10      |
| 68353   | 6"     | White | .250                      | .117                     | 10      |
| 68354   | 6"     | White | .367                      | .176                     | 10      |
| 68355   | 6"     | White | .484                      | .234                     | 10      |
| 68356   | 6"     | White | .827                      | .390                     | 10      |
| 68357   | 6"     | White | 1.26                      | .590                     | 10      |
| 68358   | 6"     | Blue  | .078                      | .029                     | 50      |
| 68359   | 6"     | Blue  | .098                      | .039                     | 50      |
| 68360   | 6"     | Blue  | .137                      | .059                     | 50      |
| 68361   | 6"     | Blue  | .211                      | .098                     | 10      |
| 68362   | 6"     | Blue  | .250                      | .117                     | 10      |
| 68363   | 6"     | Blue  | .367                      | .176                     | 10      |
| 68364   | 6"     | Blue  | .484                      | .234                     | 10      |
| 68365   | 6"     | Blue  | .827                      | .390                     | 10      |
| 68366   | 6"     | Blue  | 1.26                      | .590                     | 10      |



## Heavy Wall Heat Shrink Tubing



- 3:1 Shrink Ratio
- Provides maximum reliability for insulating and protection of cable joints and terminations
- Withstands Severe Mechanical Requirements of U.R.D. Submersible and Direct Burial Installations
- High Impact, Abrasion, Corrosion and Chemical Resistance
- Rated for 600-2500V, 90°C Continuous Use
- 4 FT Lengths have Thermoplastic Adhesive Liner
- Provides Complete Environmental Protection and Insulation
- Meets: UL 486D, CSA C22.2 No. 198.2, ANSI C119.1, Western Underground Guide Numbers 2.4, 2.5, ICEA and NEMA insulation thickness Standard
- Continuous operating temperature: -67°F to 230°F
- Shrink temperature: 248°F (120°C)
- Heavy Wall holds better mechanically & has better underground protection than medium wall
- Black color

Dimensions = Inches

| Cat. No.     | Cable Range | Length | Diameter Before Shrinking | Diameter After Shrinking | Wall Thickness |
|--------------|-------------|--------|---------------------------|--------------------------|----------------|
| <b>68162</b> | #14-#10     | 4 Ft   | 0.35                      | 0.12                     | .07            |
| <b>68164</b> | #8-#6       | 4 Ft   | 0.51                      | 0.16                     | .09            |
| <b>68166</b> | #6-#2       | 4 Ft   | 0.75                      | 0.24                     | .09            |
| <b>68168</b> | #1-#3/0     | 4 Ft   | 1.10                      | 0.35                     | .12            |
| <b>68170</b> | 2/0-350     | 4 Ft   | 1.50                      | 0.47                     | .16            |
| <b>68172</b> | 250-500     | 4 Ft   | 2.00                      | 0.63                     | .16            |
| <b>68174</b> | 600-1000    | 4 Ft   | 2.70                      | 0.87                     | .16            |
| <b>68176</b> | 800-1250    | 4 Ft   | 3.54                      | 1.18                     | .16            |
| <b>68178</b> | 1500-2500   | 4 Ft   | 4.72                      | 1.57                     | .17            |
| Rolls        |             |        |                           |                          |                |
| <b>68182</b> | #14-#10     | 25 Ft  | 0.35                      | 0.12                     | .07            |
| <b>68186</b> | #6-#2       | 25 Ft  | 0.75                      | 0.24                     | .09            |
| <b>68188</b> | #1-#3/0     | 25 Ft  | 1.10                      | 0.35                     | .12            |
| <b>68190</b> | 2/0-350     | 25 Ft  | 1.50                      | 0.47                     | .16            |
| <b>68192</b> | 250-500     | 25 Ft  | 2.00                      | 0.63                     | .16            |
| <b>68194</b> | 600-1000    | 25 Ft  | 2.70                      | 0.87                     | .16            |
| <b>68196</b> | 800-1250    | 25 Ft  | 3.54                      | 1.18                     | .16            |

## Heavy Wall Heat Shrink Tubing - Flame Retardant



- 3:1 Shrink Ratio
- Contours to be Accommodated
- Insulates & Protects Electrical Splices & terminations where maximum flame retardants is required
- Adhesive sealant liner provides complete environmental protection and insulation

- High impact and abrasion resistance capable of withstanding severe mechanical abuse in Submersible and Direct Burial installations
- Will Not Split or Rupture during installation
- Flame Retardant
- Meets: UL 486D, CSA C22.2 No. 198.2, ANSI C119.1, Western Underground Guides Nos. 2.4, 2.5, MIL-DTL-23053/15, IEEE 383 Vertical Flame Test, ANSI C37.20.2, ICEA S-19-8 and NEMA insulation thickness requirements
- Rated for 1KV, 90°C continuous use
- Continuous operating temperature: -67°F to 230°F (-55°C to 110°C)
- Shrink temperature: 248°F (120°C)
- Black color

Dimensions = Inches

| Cat. No.     | Cable Range | Length | Diameter Before Shrinking | Diameter After Shrinking | Wall Thickness |
|--------------|-------------|--------|---------------------------|--------------------------|----------------|
| <b>68004</b> | 1-8 AWG     | 6 in   | 0.40                      | 0.13                     | .09            |
| <b>68008</b> | 6-2 AWG     | 6 in   | 0.75                      | 0.24                     | .09            |
| <b>68011</b> | 1-3/0 AWG   | 8 in   | 1.10                      | 0.35                     | .12            |
| <b>68012</b> | 1-3/0 AWG   | 12 in  | 1.10                      | 0.35                     | .12            |
| <b>68015</b> | 2/0-350 MCM | 8 in   | 1.50                      | 0.47                     | .16            |
| <b>68020</b> | 250-500 MCM | 12 in  | 2.00                      | 0.63                     | .16            |
| 4 Ft Lengths |             |        |                           |                          |                |
| <b>68022</b> | 12-8 AWG    | 4 FT   | 0.40                      | 0.13                     | .09            |
| <b>68023</b> | 6-2 AWG     | 4 FT   | 0.75                      | 0.24                     | .09            |
| <b>68024</b> | 1-3/0 AWG   | 4 FT   | 1.10                      | 0.35                     | .12            |
| <b>68025</b> | 2/0-350 MCM | 4 FT   | 1.50                      | 0.47                     | .16            |
| <b>68026</b> | 250-500 MCM | 4 FT   | 2.00                      | 0.63                     | .16            |

## Thin Wall Heat Shrink Tubing - Reels



- Flexible Polyolefin Heat Shrink Tubing
- 2:1 Shrink Ratio
- 600 Volt
- 257°F (125°C) Continuous Operation
- For Insulating, Wire Harness, Wire Bundling, Splicing & Terminations
- Various Reel Lengths
- UL 224 Recognized



Dimensions = Inches

| Cat No. | Length | Color | Diameter Before Shrinking | Diameter After Shrinking | Bag Qty |
|---------|--------|-------|---------------------------|--------------------------|---------|
| 68050   | 660 Ft | Black | .078                      | .029                     | 1 Roll  |
| 68052   | 660 Ft | Black | .098                      | .039                     | 1 Roll  |
| 68054   | 660 Ft | Black | .137                      | .059                     | 1 Roll  |
| 68056   | 330 Ft | Black | .211                      | .098                     | 1 Roll  |
| 68058   | 330 Ft | Black | .250                      | .117                     | 1 Roll  |
| 68060   | 165 Ft | Black | .367                      | .176                     | 1 Roll  |
| 68062   | 165 Ft | Black | .484                      | .234                     | 1 Roll  |
| 68064   | 165 Ft | Black | .827                      | .390                     | 1 Roll  |
| 68066   | 165 Ft | Black | 1.26                      | .590                     | 1 Roll  |

## Thin Wall Heat Shrink Tubing - Kits



68320



68321

Dimensions = Inches

| Cat. No.           | Kit Type    | Contents |                                      |                           |                          | Total Pieces |
|--------------------|-------------|----------|--------------------------------------|---------------------------|--------------------------|--------------|
|                    |             | Length   | Color                                | Diameter Before Shrinking | Diameter After Shrinking |              |
| <b>Colored Kit</b> |             |          |                                      |                           |                          |              |
| 68320              | Colored Kit | 1.375    | (5)Red, (5)Blue, (5)White, (5)Yellow | .078                      | .029                     | 20           |
|                    |             | 1.375    | (5)Red, (5)Blue, (5)White, (5)Yellow | .098                      | .039                     | 20           |
|                    |             | 1.375    | (5)Red, (5)Blue, (5)White, (5)Yellow | .137                      | .059                     | 20           |
|                    |             | 1.375    | (5)Red, (5)Blue, (5)White, (5)Yellow | .212                      | .098                     | 20           |
|                    |             | 2.953    | (3)Red, (2)Blue, (3)White, (2)Yellow | .251                      | .117                     | 10           |
|                    |             | 2.953    | (1)Red, (2)Blue, (1)White, (1)Yellow | .370                      | .176                     | 5            |
|                    |             | 2.953    | (1)Red, (2)Blue, (1)White, (1)Yellow | .488                      | .236                     | 5            |
| <b>Black Kit</b>   |             |          |                                      |                           |                          |              |
| 68321              | Black Kit   | 1.375    | (20)Black                            | .078                      | .029                     | 20           |
|                    |             | 1.375    | (20)Black                            | .098                      | .039                     | 20           |
|                    |             | 1.375    | (20)Black                            | .137                      | .059                     | 20           |
|                    |             | 1.375    | (20)Black                            | .212                      | .098                     | 20           |
|                    |             | 2.953    | (10)Black                            | .251                      | .117                     | 10           |
|                    |             | 2.953    | (5)Black                             | .370                      | .176                     | 5            |
|                    |             | 2.953    | (5)Black                             | .488                      | .236                     | 5            |

## Copper Ground Pipe Clamps - Lay-In



fig 1



fig 2

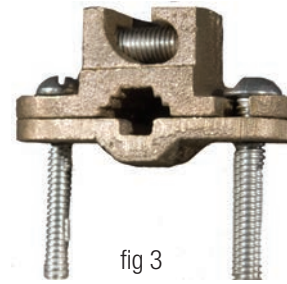


fig 3

- For Connecting Grounding Conductors to Water Pipe, Conduit, Copper Tubing, Ground Rods or Rebar
- Parallel, Perpendicular or Top Entry Lay-In Feature for Easy Wire Insertion in Continuous Loop applications
- Cast of High Strength Copper Alloy containing 80% or more Copper
- Copper or Stainless Steel Screws
- UL 467 Listed for Direct Burial in Soil & Concrete

Dimensions = Inches

| Cat. No. | Fig | Pipe Range | Ground Rod Range | Rebar Range | Wire Range |       | Dimensions |        |       | Box Qty |
|----------|-----|------------|------------------|-------------|------------|-------|------------|--------|-------|---------|
|          |     |            |                  |             | Min        | Max   | Length     | Height | Width |         |
| 91653    | 1   | 1/2-1      | 3/8-1            | 3/8-1       | 10 SOL     | 2 STR | 2.24       | 1.46   | .75   | 25      |
| 91656    | 2   | 1/2-1      | 3/8-1            | 3/8-1       | 10 SOL     | 2 STR | 2.24       | 1.46   | .75   | 25      |
| 91652    | 3   | 1/2-1      | 1/2-1            | 3/8-1       | 10 SOL     | 2 STR | 2.21       | 1.15   | .63   | 25      |

## Copper Ground Pipe Clamps - Heavy Duty - Lay-In



fig 1

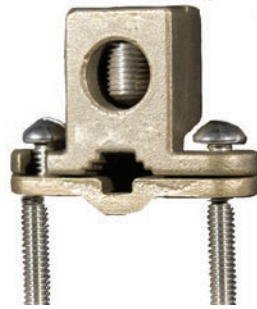


fig 2

- For Connecting Grounding Conductors to Water Pipe, Conduit, Copper Tubing, Ground Rods or Rebar up to 1" in diameter
- Accepts Up To 4/0 Ground Conductor
- Lay-In or Feed Through Configurations
- Cast of High Strength High Conductivity Copper
- Stainless Steel Set Screws
- UL 467 Listed for Direct Burial in Soil & Concrete

Dimensions = Inches

| Cat. No.            | Fig | Pipe Range  | Ground Rod Range | Rebar Range | Wire Range |         | Dimensions |        | Box Qty |  |
|---------------------|-----|-------------|------------------|-------------|------------|---------|------------|--------|---------|--|
|                     |     |             |                  |             | Min        | Max     | Length     | Height |         |  |
| <b>Side Lay-In</b>  |     |             |                  |             |            |         |            |        |         |  |
| 91654               | 1   | 1/2" -1"    | -                | -           | 8 STR      | 4/0 STR | 2.55       | 2.10   | 10      |  |
| 91655               | 1   | 1-1/4" - 2" | -                | -           | 8 STR      | 4/0 STR | 3.32       | 3.20   | 5       |  |
| 91657               | 1   | 2-1/4" - 4" | -                | -           | 8 STR      | 4/0 STR | 5.70       | 3.75   | 5       |  |
| <b>Feed Through</b> |     |             |                  |             |            |         |            |        |         |  |
| 91610               | 2   | 1/2"-1"     | 3/8 "1 1"        | 3/8 "-1"    | 8 STR      | 4/0 STR | 2.36       | 1.76   | 25      |  |

### Aluminum Ground Pipe Clamps

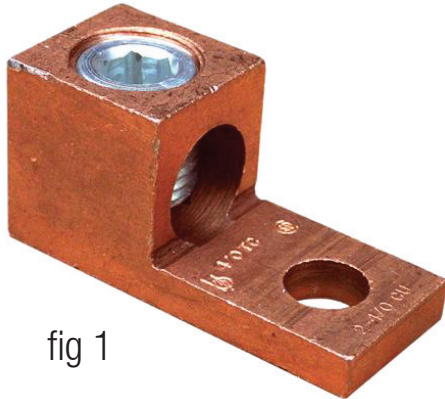


fig 1



fig 2

- Dual Rated for Copper or Aluminum Conductors
- For Connecting Copper or Aluminum Conductor to Water Pipe, Ground Rod, Copper Water Pipe, Galvanized Pipe or Steel Conduit
- Tin Plated Aluminum Set Screw for Corrosion Resistance
- Tin Plated Machined Steel Mounting Hardware
- 90635, 90537 & 90540 have Lay-In Feature for use in Continuous Loop applications

| Cat. No. | Fig | Type      | Pipe Range | Wire Range |     | Screw Size     |                 | Box Qty |
|----------|-----|-----------|------------|------------|-----|----------------|-----------------|---------|
|          |     |           |            | Min        | Max | Top            | Side            |         |
| 90633    | 1   | Feed-Thru | 1/2"-1"    | 14         | 1/0 | 7/16 x .55"    | 1/4-20 x 1.50"  | 25      |
| 90640    | 2   | Lay-In    | 1-1/4"-2"  | 6          | 250 | 5/8-18 x 1.18" | 5/16-18 x 2.17" | 5       |

Dimensions = Inches



## Heavy Duty Ground Rod Clamps - Direct Burial



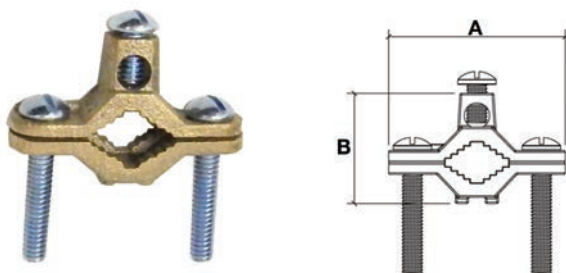
- Designed to Maintain Proper Contact and Alignment between Ground Wire & Ground Rod
- Listed for use with Copper Bonded Steel, Stainless Steel and Galvanized Ground Rods
- Cast of High Strength Copper Alloy containing 80% or more Copper
- Silicone Bronze or Stainless Steel Bolt
- UL 467 Approved for Direct Burial in Soil & Concrete
- Direct Burial Marked on Clamps



| Cat. No. | Rod Diameter     | Rebar Size       | Wire Range | Screw Thread Size | Dimensions |      | Box Qty |
|----------|------------------|------------------|------------|-------------------|------------|------|---------|
|          |                  |                  |            |                   | A          | B    |         |
| 90634    | 1/2"             | 3/8"             | #2-#10     | 5/16-18           | .50        | 1.24 | 50      |
| 90636    | 5/8"             | 1/2"             | 1/0-#10    | 3/8-16            | .59        | 1.46 | 50      |
| 90638    | 3/4"             | 5/8"             | #1-#10     | 3/8-16            | .59        | 1.51 | 50      |
| 90639    | 1/2", 5/8", 3/4" | 3/8", 1/2", 5/8" | 1/0-#10    | 3/8-16            | .59        | 2.38 | 50      |

Dimensions = Inches

## Copper Ground Pipe Clamps



- For Connecting Grounding Conductor to Water Pipe, Copper Tubing or Ground Rod
- Cast of High Strength High Conductivity Copper Alloy
- Steel Set Screws Zinc Plated for Corrosion Resistance



| Cat. No. | Water Pipe Range | Wire Range | Screw Thread Size | Dimensions |      | Box Qty |
|----------|------------------|------------|-------------------|------------|------|---------|
|          |                  |            |                   | A          | B    |         |
| 90627    | 1/2"-1"          | 2-10       | 1/4-20            | 2.25       | 1.64 | 25      |
| 90628    | 1-1/4"-2"        | 2-10       | 5/16-18           | 3.54       | 2.48 | 10      |
| 90598    | 2-1/2"-4"        | 2-10       | 3/8-16            | 6.30       | 3.40 | 15      |
| 90599    | 4-1/2"-6"        | 2-10       | 3/8-16            | 8.30       | 4.00 | 5       |

Dimensions = Inches

### Lay-In Lugs - Copper - Direct Burial



- Use on Electrical Equipment, Pool/Spa Equipment, Conduit Bushings, and Jumper to Multiple Conduits
- Ideal for Grounding Swimming Pools
- 90573 Ideal for Solar applications
- Lay-In Feature for Use with Continuous Ground Loops
- Cast of High Strength Copper Alloy containing 80% or more Copper
- Stainless Steel Set Screw - 1/4" X 28 Thread
- UL 467 CSA C22.2 Approved for Direct Burial in Soil & Concrete
- Direct Burial Marked on Clamp



90573



90572

Dimensions = Inches

| Cat. No. | Type       | Awg | Wire Range | Length | Width | Height | Bolt | Box Qty |
|----------|------------|-----|------------|--------|-------|--------|------|---------|
| 90572    | Dipped     | 4   | 4-14       | 1.04"  | .47"  | .76"   | .26" | 100     |
| 90573    | Tin Plated | 4   | 4-14       | 1.04"  | .47"  | .76"   | .26" | 100     |

### Lay-In Lugs - Aluminum

- Open face design allows installer to quickly lay in the grounding conductor as a jumper to multiple conduits with no break in the ground conductor
- Excellent for tapping off main conductor without cutting due to lay-in feature
- Manufactured from high strength 6061-T6 aluminum alloy to insure both maximum strength and conductivity
- Dual Rated for both copper and aluminum conductors
- Electro tin plated to provide low contact resistance and protection against corrosion



| Cat. No. | Awg | Wire Range | Length | Width | Height | Bolt | Box Qty |
|----------|-----|------------|--------|-------|--------|------|---------|
| 90574    | 4   | 4-14       | 1.05   | .47   | .78    | .26  | 100     |
| 90575    | 1/0 | 1/0-14     | 1.50   | .59   | 1.17   | .26  | 50      |
| 90576    | 3/0 | 3/0-6      | 2.00   | .80   | 1.56   | .41  | 50      |
| 90580    | 250 | 250-6      | 2.20   | .80   | 1.79   | .41  | 25      |

Dimensions = Inches

## Ground Clamps - Lay-In - Rebar



- Connect Grounding Electrode Conductor to Bare Rebar
- Rugged and Compact
- Lay-In Feature for Use with Continuous Ground Loops
- Popular for Swimming Pool/Spa, Telecommunications, Agriculture, Marine & Food Processing Applications
- Cast of High Strength High Conductivity Copper Alloy
- Stainless Steel Hardware
- UL 467 Listed for Direct Burial In Soil & Concrete
- Not for Use on Epoxy Coated Rebar



Dimensions = Inches

| Cat. No.     | Rebar Size | Wire Range |       | Dimensions |       |        | Box Qty |
|--------------|------------|------------|-------|------------|-------|--------|---------|
|              |            | Min        | Max   | Length     | Width | Height |         |
| <b>91712</b> | 3/8"       | 8 SOL      | 6 SOL | 1.14"      | .74"  | .75"   | 25      |
| <b>91713</b> | 1/2"       | 8 SOL      | 4 STR | 1.35"      | .83"  | .91"   | 25      |

## Ground Clamps - I-Beam



- Connect Ground Conductor to I-Beam or Metal Frame
- Connects one ground wire to 1/4" Thick Bar or Stanchion
- Lay-in Feature for Use with Continuous Ground Loops
- Popular for Cable Tray, Fence Posts & Structural Steel
- Cast of High Strength High Conductivity Copper Alloy
- Stainless Steel Bolts, Nuts & Lock Washers
- UL 467 Listed for Direct Burial In Soil or Concrete



fig 1



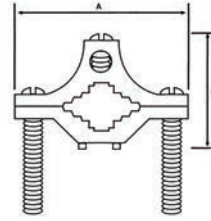
fig 2

Dimensions = Inches

| Cat. No.                                  | Fig | Conductor Range |         | Dimensions |       |        | Bolt Size | Box Qty |
|---|-----|-----------------|---------|------------|-------|--------|-----------|---------|
|   |     | Min             | Max     | Length     | Width | Height |           |         |
| <b>Ground Conductor Isolated from Bar</b> |     |                 |         |            |       |        |           |         |
| <b>91715</b>                              | 1   | 8 SOL           | 4 STR   | 1-1/4      | 1     | 1-5/8  | 3/8       | 25      |
| <b>91716</b>                              | 1   | 4 SOL           | 2/0 STR | 1-5/8      | 1-1/8 | 1-3/4  | 3/8       | 10      |
| <b>91717</b>                              | 1   | 2/0 SOL         | 250 MCM | 2-1/8      | 1-1/2 | 2      | 1/2       | 10      |
| <b>Ground Conductor Clamped To Bar</b>    |     |                 |         |            |       |        |           |         |
| <b>91721</b>                              | 2   | 8 SOL           | 4 STR   | 1-1/4      | 1     | 1-5/8  | 3/8       | 25      |
| <b>91722</b>                              | 2   | 4 SOL           | 2/0 STR | 1-5/8      | 1-1/8 | 1-3/4  | 3/8       | 25      |
| <b>91723</b>                              | 2   | 2/0 SOL         | 250 MCM | 2-1/8      | 1-1/2 | 2      | 1/2       | 10      |

### Copper Ground Pipe Clamps - Direct Burial

- For Grounding Conductors to Water Pipe, Copper Tubing or Ground Rod
- 90631 UL Direct Burial Clamp Designed for Copper-to-Rebar
- Commonly used for Swimming Pools/Spas, Commercial, Industrial & Agricultural Applications
- Cast of High Strength, High Conductivity Copper Alloy
- 90621 & 90622 Have Copper Screws
- 90629, 90630 & 90631 Have Stainless Steel Screws
- UL 467 Listed for Direct Burial in Soil or Concrete



| Cat. No.                           | Water Pipe Range | Ground Rod Size | Rebar Size | Wire Range | Top Screw Thread | Side Screw Thread | Dimensions |      | Box Qty |
|------------------------------------|------------------|-----------------|------------|------------|------------------|-------------------|------------|------|---------|
|                                    |                  |                 |            |            |                  |                   | A          | B    |         |
| 90629                              | 1/2"-1"          | 1"              | -          | 2-10       | 1/4-20           | 1/4-20            | 2.17       | 1.42 | 25      |
| 90630                              | 1-1/4"-2"        | 1"              | -          | 2-10       | 1/4-20           | 5/16-18           | 3.58       | 1.93 | 10      |
| 90621                              | 2-1/2"-4"        | 2"              | -          | 2-10       | 1/4-20           | 5/16-18           | 5.95       | 2.95 | 5       |
| 90622                              | 4-1/2"-6"        | 2"              | -          | 2-10       | 1/4-20           | 5/16-18           | 8.09       | 4.19 | 5       |
| Pipe Clamps for Rebar Applications |                  |                 |            |            |                  |                   |            |      |         |
| 90631                              | 1/2 "-1"         | 1/4"-1"         | 3/8"-1"    | 2-10       | 1/4-20           | 1/4-20            | 2.25       | 1.64 | 25      |

Dimensions = inches

### Copper Ground Pipe Clamps - Serrated Collar

- For Grounding to Water Pipe, Copper Tubing or Ground Rod
- Serrated Collar Accommodates a Variety of Adaptors for Maximum Flexibility In the Field
- High Strength, High Conductivity Copper Alloy
- Zinc Plated Steel Set Screws for Corrosion Resistance
- Use with Morris Cat# 91603 thru 91606 Serrated Adaptors for Armored Cable or Conduit Grounding Applications



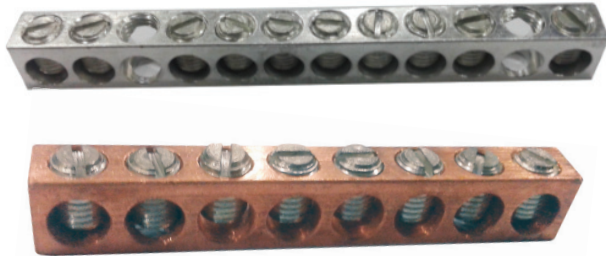
Dimensions = Inches



| Cat. No. | Pipe Range  | Wire Range |       | Box Qty |
|----------|-------------|------------|-------|---------|
|          |             | Min        | Max   |         |
| 91660    | 1/2"-1"     | 10 SOL     | 2 STR | 10      |
| 91662    | 1-1/4"-2"   | 10 SOL     | 2 STR | 10      |
| 91664    | 2-1/2 "-4"  | 10 SOL     | 2 STR | 35      |
| 91666    | 4-1/2 "- 6" | 10 SOL     | 2 STR | 25      |



## Ground/Neutral Bars



- Copper & Aluminum Neutral & Ground Bars
- Aluminum Bars are made from 6060-T6 Tin-Plated Aluminum
- Aluminum Bars are Dual Rated for Copper or Aluminum Conductors
- Copper Bars are Rated for Copper Conductors Only
- Available from 2 Circuit to 190 Circuit Configurations
- Range Taking
- 600V

Dimensions = Inches

| Cat. No.        | Material | Wire Range | No. of Circuits | Total No. Holes | Length | Height | Width | Hole Spacing | Mount Hole Position | Box Qty |
|-----------------|----------|------------|-----------------|-----------------|--------|--------|-------|--------------|---------------------|---------|
| <b>Aluminum</b> |          |            |                 |                 |        |        |       |              |                     |         |
| 91130           | Aluminum | #14-#4     | 2               | 3               | .95    | .44    | .31   | .312         | 2                   | 100     |
| 91131           | Aluminum | #14-#4     | 4               | 5               | 1.57   | .44    | .31   | .312         | 3                   | 100     |
| 91132           | Aluminum | #14-#4     | 5               | 6               | 1.88   | .44    | .31   | .312         | 3                   | 100     |
| 91133           | Aluminum | #14-#4     | 6               | 7               | 2.25   | .44    | .31   | .312         | 4                   | 100     |
| 91134           | Aluminum | #14-#4     | 4               | 6               | 1.88   | .44    | .31   | .312         | 1 & 4               | 100     |
| 91135           | Aluminum | #14-#4     | 5               | 7               | 2.25   | .44    | .31   | .312         | 1 & 7               | 100     |
| 91136           | Aluminum | #14-#4     | 5               | 7               | 2.25   | .44    | .31   | .312         | 2 & 6               | 100     |
| 91137           | Aluminum | #14-#4     | 6               | 8               | 2.56   | .44    | .31   | .312         | 4 & 7               | 100     |
| 91138           | Aluminum | #14-#4     | 7               | 9               | 2.87   | .44    | .31   | .312         | 3 & 7               | 100     |
| 91139           | Aluminum | #14-#4     | 9               | 11              | 3.50   | .44    | .31   | .312         | 1 & 11              | 50      |
| 91140           | Aluminum | #14-#4     | 10              | 12              | 3.81   | .44    | .31   | .312         | 1 & 12              | 50      |
| 91141           | Aluminum | #14-#4     | 12              | 14              | 4.43   | .44    | .31   | .312         | 1 & 14              | 50      |
| 91142           | Aluminum | #14-#4     | 15              | 17              | 5.37   | .44    | .31   | .312         | 1 & 17              | 50      |
| 91143           | Aluminum | #14-#4     | 20              | 22              | 6.93   | .44    | .31   | .312         | 1 & 22              | 50      |
| 91144           | Aluminum | #14-#4     | 190             | 190             | 60.0   | .44    | .31   | .312         | -                   | 10      |
| 91145           | Aluminum | #14-#2     | 10              | 12              | 4.12   | .50    | .38   | .34          | 3 & 11              | 50      |
| 91146           | Aluminum | #14-2/0    | 2               | 3               | 1.75   | .75    | .56   | .60          | 2                   | 25      |
| 91147           | Aluminum | #14-2/0    | 3               | 5               | 2.95   | .75    | .56   | .60          | 2 & 4               | 25      |
| 91148           | Aluminum | #14-2/0    | 6               | 8               | 4.75   | .75    | .56   | .60          | 1 & 8               | 25      |
| <b>Copper</b>   |          |            |                 |                 |        |        |       |              |                     |         |
| 91152           | Copper   | #14-#4     | 4               | 6               | 1.94   | .44    | .31   | .312         | 1 & 6               | 100     |
| 91153           | Copper   | #14-#4     | 5               | 7               | 2.25   | .44    | .31   | .312         | 1 & 7               | 100     |
| 91154           | Copper   | #14-#4     | 6               | 8               | 2.56   | .44    | .31   | .312         | 1 & 8               | 100     |
| 91155           | Copper   | #14-#4     | 12              | 14              | 4.43   | .44    | .31   | .312         | 1 & 14              | 50      |
| 91156           | Copper   | #14-#4     | 13              | 15              | 4.74   | .44    | .31   | .312         | 3 & 13              | 50      |
| 91157           | Copper   | #14-#4     | 13              | 15              | 4.74   | .44    | .31   | .312         | 6 & 11              | 50      |
| 91158           | Copper   | #14-#4     | 190             | 190             | 60.0   | .44    | .31   | .312         | -                   | 10      |
| 91159           | Copper   | #14-#2     | 3               | 5               | 2.00   | .50    | .38   | .397         | 1 & 5               | 50      |
| 91160           | Copper   | #14-#2     | 6               | 8               | 3.25   | .50    | .38   | .397         | 2 & 7               | 50      |



### Copper Ground Clamps - U Bolt - 1 Conductor

- U-Bolt Style Clamp
- For Connecting 1 Ground Wire Parallel or 90° to Water Pipe, Copper Tubing, Ground Rod, Rebar or Fencing
- Use with Continuous Ground Loops
- Cast of High Strength High Conductivity Copper Alloy
- Stainless Steel Bolts, Nuts & Lock Washers
- UL 467 Listed for Direct Burial In Soil or Concrete



Dimensions = Inches

| Cat. No. | Rod Size   | Pipe Size  | Wire Range |         | Dimensions |        |          | Box Qty |
|----------|------------|------------|------------|---------|------------|--------|----------|---------|
|          |            |            | Min        | Max     | Width      | Height | Thread   |         |
| 91732    | 5/8 or 3/4 | 1/2        | 8 SOL      | 4 STR   | 2          | 2-7/16 | 3/8 x 16 | 5       |
| 91733    | 5/8 or 3/4 | 1/2        | 4 SOL      | 2/0 STR | 2          | 2-7/16 | 3/8 x 16 | 5       |
| 91734    | 5/8 or 3/4 | 1/2        | 2/0 SOL    | 250 MCM | 2-1/16     | 2-3/4  | 3/8 x 16 | 5       |
| 91735    | 7/8 or 1   | 1/2 or 3/4 | 4 SOL      | 2/0 STR | 2-1/4      | 3      | 3/8 x 16 | 5       |
| 91736    | 7/8 or 1   | 1/2 or 3/4 | 2/0 SOL    | 250 MCM | 2-5/16     | 3-3/16 | 3/8 x 16 | 5       |
| 91737    | -          | 1          | 4 SOL      | 2/0 STR | 2-9/16     | 3-3/16 | 3/8 x 16 | 5       |
| 91738    | -          | 1          | 2/0 SOL    | 250 MCM | 2-9/16     | 3-3/16 | 3/8 x 16 | 5       |
| 91740    | -          | 1-1/4      | 4 SOL      | 250 MCM | 3          | 3-1/2  | 3/8 x 16 | 5       |
| 91742    | -          | 1-1/2      | 4 SOL      | 250 MCM | 3-1/4      | 4      | 3/8 x 16 | 5       |
| 91744    | -          | 2          | 4 SOL      | 250 MCM | 3-3/4      | 4-3/8  | 3/8 x 16 | 5       |
| 91746    | -          | 2-1/2      | 4 SOL      | 250 MCM | 4-1/4      | 5      | 3/8 x 16 | 5       |
| 91748    | -          | 3          | 4 SOL      | 250 MCM | 4-7/8      | 5-5/8  | 3/8 x 16 | 5       |
| 91750    | -          | 3-1/2      | 4 SOL      | 250 MCM | 5-3/8      | 6-1/4  | 3/8 x 16 | 5       |

### Copper Ground Clamps - U Bolt - 2 Conductor

- U-Bolt Style Clamp
- For Connecting 2 Ground Wires Parallel or 90° to Water Pipe, Copper Tubing, Ground Rod, Rebar or Fencing
- Use with Continuous Ground Loops
- Cast of High Strength High Conductivity Copper Alloy
- Stainless Steel Bolts, Nuts & Lock Washers
- UL 467 Listed for Direct Burial In Soil or Concrete



Dimensions = Inches

| Cat. No. | Pipe Size | Wire Range |         | Dimensions |        |        | Box Qty |
|----------|-----------|------------|---------|------------|--------|--------|---------|
|          |           | Min        | Max     | Width      | Height | Thread |         |
| 91752    | 1         | 4 SOL      | 250 MCM | 2-5/8      | 3-3/8  | 3/8-16 | 5       |
| 91756    | 1-1/2     | 4 SOL      | 250 MCM | 3-1/4      | 4      | 3/8-16 | 5       |
| 91758    | 2         | 4 SOL      | 250 MCM | 3-3/4      | 4-3/8  | 3/8-16 | 5       |
| 91760    | 2-1/2     | 4 SOL      | 250 MCM | 4-1/4      | 5      | 3/8-16 | 5       |
| 91762    | 3         | 4 SOL      | 250 MCM | 4-7/8      | 5-5/8  | 3/8-16 | 5       |
| 91764    | 3-1/2     | 4 SOL      | 250 MCM | 5-3/8      | 6-1/4  | 3/8-16 | 5       |

### Copper Ground Clamps - U Bolt - 3 Conductor

- U-Bolt Style Clamp
- For Connecting 3 Ground Wires Parallel or 90° to Water Pipe, Copper Tubing, Ground Rod, Rebar or Fencing
- Use with Continuous Ground Loops
- Cast of High Strength High Conductivity Copper Alloy
- Stainless Steel Bolts, Nuts & Lock Washers
- UL 467 Listed for Direct Burial In Soil or Concrete



Dimensions = Inches



| Cat. No. | Pipe Size  | Wire Range |         | Dimensions |        | Box Qty |
|----------|------------|------------|---------|------------|--------|---------|
|          |            | Min        | Max     | Width      | Height |         |
| 91766    | 1/4        | 4 SOL      | 250 MCM | 3-5/8      | 2-3/4  | 5       |
| 91767    | 3/8        | 4 SOL      | 250 MCM | 3-1/2      | 3      | 5       |
| 91768    | 1/2 or 3/4 | 4 SOL      | 250 MCM | 3-7/8      | 3-3/8  | 5       |
| 91769    | 1          | 4 SOL      | 250 MCM | 4-1/8      | 3-1/2  | 5       |
| 91770    | 1-1/4      | 4 SOL      | 250 MCM | 4-1/2      | 3-7/8  | 5       |
| 91771    | 1-1/2      | 4 SOL      | 250 MCM | 4-3/4      | 4-1/4  | 5       |
| 91772    | 2          | 4 SOL      | 250 MCM | 5-1/4      | 5      | 5       |
| 91773    | 2-1/2      | 4 SOL      | 250 MCM | 5-7/8      | 5-1/4  | 5       |
| 91774    | 3          | 4 SOL      | 250 MCM | 6-3/8      | 5-3/4  | 5       |
| 91775    | 3-1/2      | 4 SOL      | 250 MCM | 6-3/4      | 6-3/8  | 5       |
| 91776    | 4          | 4 SOL      | 250 MCM | 7-1/4      | 6-3/4  | 5       |

## 7 Mil Commercial Grade Electrical Tape

- 3/4" X 66Ft X 7Mil
- Used for General Purpose Splicing as Primary Insulation to 600V and as a Protective Outer Jacket at Higher Voltages
- Flame Retardant & Weather Resistant
- Cold Weather Resistant -1°F to 221°F (-18°C to 105°C)
- Good Dielectric Strength, High Adhesion and Shear
- Resistant to acids, alkalis, chemicals, oils, moisture and corrosion
- UL 510 & CSA 22.2 Approved
- MIL-I-7798A
- Lead Free



Comparable to 3M Highland

| Cat. No.     | Color | Size        | Packaging Type | Sleeve Qty | Case Qty |
|--------------|-------|-------------|----------------|------------|----------|
| <b>60100</b> | Black | 3/4" X 66Ft | Cello          | 10         | 100      |

## 8.5 Mil Commercial Grade Electrical Tape

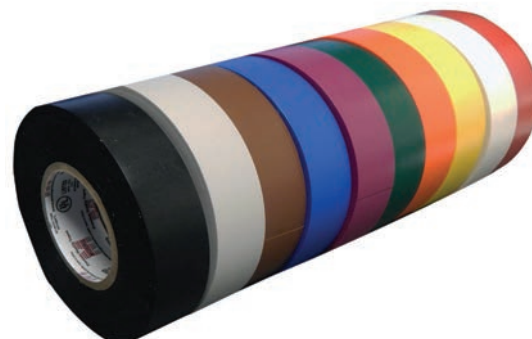
- 8.5Mil
- Heavier thickness for added mechanical & electrical protection
- Used for General Purpose Splicing as Primary Insulation to 600V and as a Protective Outer Jacket at Higher Voltages
- Flame Retardant & Weather Resistant
- Cold Weather Resistant -1°F to 221°F (-18°C to 105°C)
- Good Dielectric Strength, High Adhesion and Shear
- Resistant to acids, alkalis, chemicals, oils, moisture and corrosion
- UL 510 & CSA 22.2 Approved
- MIL-I-7798A
- Lead Free



| Cat. No.     | Color | Size        | Packaging Type | Sleeve Qty | Case Qty |
|--------------|-------|-------------|----------------|------------|----------|
| <b>60200</b> | Black | 3/4" X 66Ft | Cello          | 10         | 100      |
| <b>60202</b> | Black | 2" x 66Ft   | Cello          | -          | 40       |

## General Purpose Vinyl Electrical Tape

- 3/4" X 60Ft X 7Mil
- Used for Protective Jacketing & Bundling/Harnessing
- Resistant to Acids, Alkalis, Chemicals, Oils, Moisture, Sunlight & Corrosion
- Flame Retardant and Weather Resistant
- UL 510 & CSA Approved
- Lead Free
- 600V



Comparable to 3M 1700

| Cat. No.     | Color  | Package Type | Sleeve Qty | Case Qty |
|--------------|--------|--------------|------------|----------|
| <b>60000</b> | Black  | Cello        | 10         | 100      |
| <b>60010</b> | Red    | Cello        | 10         | 100      |
| <b>60020</b> | White  | Cello        | 10         | 100      |
| <b>60030</b> | Yellow | Cello        | 10         | 100      |
| <b>60040</b> | Green  | Cello        | 10         | 100      |
| <b>60050</b> | Blue   | Cello        | 10         | 100      |
| <b>60060</b> | Brown  | Cello        | 10         | 100      |
| <b>60070</b> | Orange | Cello        | 10         | 100      |
| <b>60080</b> | Gray   | Cello        | 10         | 100      |
| <b>60090</b> | Violet | Cello        | 10         | 100      |

### 7 Mil Professional Grade Electrical Tape

- 3/4" X 66Ft X 7Mil
- All Weather Professional Grade Splicing Tape used as Primary Insulation up to 600V and as a Protective Outer Jacket up to 69KV
- Flame Retardant & Weather Resistant
- Excellent Cold Weather Resistant Properties -1°F to 221°F (-18°C to 105°C)
- High Dielectric Strength, High Adhesion and Shear
- Highly Elastic Polymeric Vinyl Backing - Excellent Elongation
- Resistant to acids, alkalis, chemicals, oils, moisture and corrosion
- UL 510 & CSA 22.2 Approved
- ASTM-D-3005 HH-I-595C
- Lead Free

| Cat. No. | Color  | Size        | Packaging Type | Case Qty |
|----------|--------|-------------|----------------|----------|
| 60110    | Black  | 3/4" X 66Ft | Plastic Cup    | 100      |
| 60111    | Red    | 3/4" X 66Ft | Plastic Cup    | 100      |
| 60112    | White  | 3/4" X 66Ft | Plastic Cup    | 100      |
| 60113    | Yellow | 3/4" X 66Ft | Plastic Cup    | 100      |
| 60114    | Green  | 3/4" X 66Ft | Plastic Cup    | 100      |
| 60115    | Blue   | 3/4" X 66Ft | Plastic Cup    | 100      |
| 60116    | Brown  | 3/4" X 66Ft | Plastic Cup    | 100      |
| 60117    | Orange | 3/4" X 66Ft | Plastic Cup    | 100      |
| 60118    | Gray   | 3/4" X 66Ft | Plastic Cup    | 100      |



Comparable to 3M 33+ & 35



### 8.5 Mil Professional Grade Heavy Duty Electrical Tape

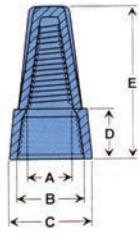
- 8.5Mil
- Heavier thickness for added mechanical & electrical protection
- All Weather Professional Grade Splicing Tape used as Primary Insulation up to 600V and as a Protective Outer Jacket up to 69KV
- Flame Retardant & Weather Resistant
- Excellent Cold Weather Resistant Properties -1°F to 221°F (-18°C to 105°C)
- High Dielectric Strength, High Adhesion and Shear
- Highly Elastic Polymeric Vinyl Backing - Excellent Elongation
- Resistant to acids, alkalis, chemicals, oils, moisture and corrosion
- UL 510 & CSA 22.2 Approved
- ASTM-D-3005 HH-I-595C
- Mil Spec Approved - MIL-I-24391C
- Lead Free

| Cat. No. | Color | Size        | Packaging Type | Case Qty |
|----------|-------|-------------|----------------|----------|
| 60205    | Black | 3/4" X 66Ft | Plastic Cup    | 100      |
| 60206    | Black | 2" X 66Ft   | Cello          | 40       |
| 60207    | Black | 2" X 108Ft  | Cello          | 40       |



Comparable to 3M Super 88

# Screw-On Wire Connectors



| Cat. No.                   | Type | Color  | Wire Combinations                        | Max Volts                      | A    | B    | C    | D    | E     | Box/Bag Qty | Case Qty |
|----------------------------|------|--------|--|--------------------------------|------|------|------|------|-------|-------------|----------|
| <b>Hanging Bag 25 Pack</b> |      |        |  |                                |      |      |      |      |       |             |          |
| 23271                      | P1   | Gray   | Max: 3 #20 & 2 #22<br>Min: 1 #20 & 1 #22 | 300V                           | .150 | .264 | .339 | .228 | .598  | 25          | 1,250    |
| 23272                      | P2   | Blue   | Max: 3 #18 & 2 #20<br>Min: 3 #22         | 300V                           | .161 | .276 | .386 | .232 | .693  | 25          | 1,250    |
| 23273                      | P3   | Orange | Max: 4 #16 & 1 #20<br>Min: 1 #18 & 1 #22 | 600V                           | .197 | .390 | .480 | .307 | .862  | 25          | 1,250    |
| 23274                      | P4   | Yellow | Max: 1 #18 & 4 #14<br>Min: 1 #18 & 1 #14 | 600V                           | .236 | .441 | .551 | .311 | .937  | 25          | 1,250    |
| <b>Boxed 100 Pack</b>      |      |        |  |                                |      |      |      |      |       |             |          |
| 23071                      | P1   | Gray   | Max: 1 #14 & 1 #20<br>Min: 2 #22         | 300V                           | .150 | .264 | .339 | .228 | .598  | 100         | 15,000   |
| 23072                      | P2   | Blue   | Max: 3 #16<br>Min: 2 #22                 | 300V                           | .161 | .276 | .386 | .232 | .693  | 100         | 15,000   |
| 23073                      | P3   | Orange | Max: 4 #16 & 1 #20<br>Min: 1 #18 & 1 #22 | 600V                           | .197 | .390 | .480 | .307 | .862  | 100         | 10,000   |
| 23074                      | P4   | Yellow | Max: 1 #18 & 4 #14<br>Min: 1 #18 & 1 #14 | 600V                           | .236 | .441 | .551 | .311 | .937  | 100         | 6,000    |
| 23076                      | P6   | Red    | Max: 3 #14 & 4 #16<br>Min: 1 #10 & 1 #20 | 600V<br>1000V fixtures & signs | .276 | .504 | .630 | .350 | 1.047 | 100         | 3600     |
| <b>Bagged Bulk Pack</b>    |      |        |  |                                |      |      |      |      |       |             |          |
| 23171                      | P1   | Gray   | Max: 1 #14 & 1 #20<br>Min: 2 #22         | 300V                           | .150 | .264 | .339 | .228 | .598  | 1,000       | 20,000   |
| 23172                      | P2   | Blue   | Max: 3 #16<br>Min: 2 #22                 | 300V                           | .161 | .276 | .386 | .232 | .693  | 1,000       | 10,000   |
| 23173                      | P3   | Orange | Max: 4 #16 & 1 #20<br>Min: 1 #18 & 1 #20 | 600V                           | .197 | .390 | .480 | .307 | .862  | 500         | 10,000   |
| 23174                      | P4   | Yellow | Max: 1 #10 & 2 #14 & 1 #16<br>Min: 3 #20 | 600V                           | .236 | .441 | .551 | .311 | .937  | 500         | 5,000    |
| 23176                      | P6   | Red    | Max: 3 #10<br>Min: 3 #18                 | 600V<br>1000V fixtures & signs | .276 | .504 | .630 | .350 | 1.047 | 500         | 5,000    |
| <b>Small Jar</b>           |      |        |  |                                |      |      |      |      |       |             |          |
| 23373                      | P3   | Orange | Max: 4 #16 & 1 #20<br>Min: 1 #18 & 1 #22 | 600V                           | .197 | .390 | .480 | .307 | .862  | 350         | 11,200   |
| 23374                      | P4   | Yellow | Max: 1 #18 & 4 #14<br>Min: 1 #18 & 1 #14 | 600V                           | .236 | .441 | .551 | .311 | .937  | 250         | 8,000    |
| 23376                      | P6   | Red    | Max: 3 #14 & 4 #16<br>Min: 1 #10 & 1 #20 | 600V<br>1000V fixtures & signs | .276 | .504 | .630 | .350 | 1.047 | 150         | 4,800    |
| <b>Large Jar</b>           |      |        |  |                                |      |      |      |      |       |             |          |
| 23473                      | P3   | Orange | Max: 4 #16 & 1 #20<br>Min: 1 #18 & 1 #22 | 600V                           | .197 | .390 | .480 | .307 | .862  | 900         | 10,800   |
| 23474                      | P4   | Yellow | Max: 1 #18 & 4 #14<br>Min: 1 #18 & 1 #14 | 600V                           | .236 | .441 | .551 | .311 | .937  | 600         | 7,200    |
| 23476                      | P6   | Red    | Max: 3 #14 & 4 #16<br>Min: 1 #10 & 1 #20 | 600V<br>1000V fixtures & signs | .276 | .504 | .630 | .350 | 1.047 | 400         | 4800     |



Dimensions = Inches



## Screw-On Wire Connectors



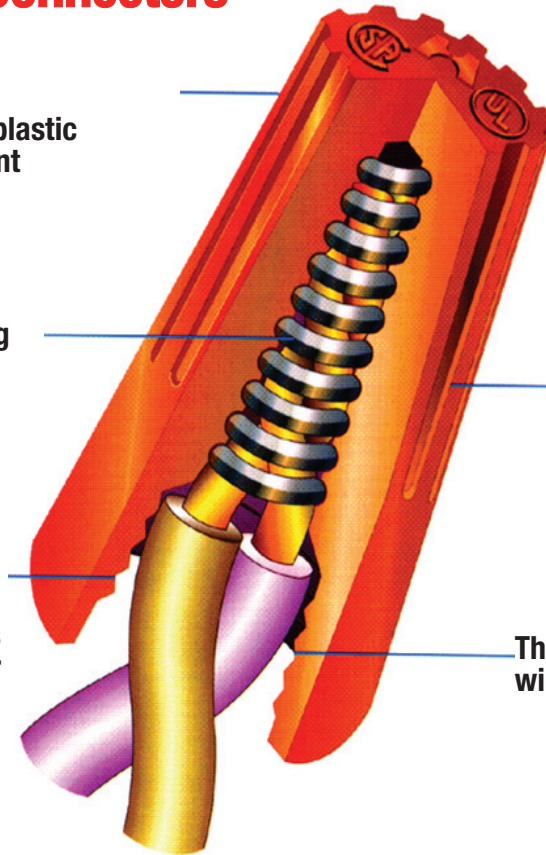
**Flame Retardant Thermoplastic Housing provides excellent electrical insulation**

**Fixed, Precise Wire Spring**

**Sure-Grip Ribs improves gripping ability and comfort**

**Deep Skirt Entry provides protection from flashover and shorts**

**Threaded, Funnel Entry guides wire into the connector easily**



- Five Color-Coded Models cover a full range of wire sizes from 22 through 8 AWG
- Ribbed-Cap provides a more secure grip and faster fingertip starts even when hands become slippery
- Temperature Rated at 221°F (105°C) maximum
- No Pre-Twisting of conductors is required – spring creates its own thread
- Reusable Connector threads on or off splice for fast and easy circuit changes and additions
- Tough UL 94V-2 Flame Retardant Shell will not crack or break, even when applied to maximum wire combinations under extreme pressure

## Combo Handy Pack Wire & Winged Connectors

Different sizes of connectors in a Handy Pack

Contains the following:



| Cat No. | Handy Packs Per Case |
|---------|----------------------|
| 23512   | 16                   |

| Qty           | Product Number | Description                |
|---------------|----------------|----------------------------|
| 90 Connectors | 23073          | Orange Wire Connector      |
| 60 Connectors | 23074          | Yellow Wire Connector      |
| 40 Connectors | 23076          | Red Wire Connector         |
| 40 Connectors | 23085          | Tan Twisted Wing Connector |

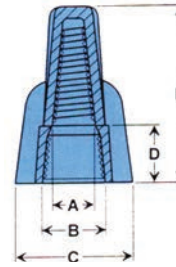
Contains the following:

| Cat No. | Handy Packs Per Case |
|---------|----------------------|
| 23514   | 16                   |

| Qty           | Product Number | Description                   |
|---------------|----------------|-------------------------------|
| 90 Connectors | 23073          | Orange Wire Connector         |
| 50 Connectors | 23084          | Yellow Twisted Wing Connector |
| 40 Connectors | 23085          | Tan Twisted Wing Connector    |
| 30 Connectors | 23086          | Red Twisted Wing Connector    |



# Wing Connectors



Dimensions = Inches

| Cat. No.                      | Color  | Wire Combinations                        | A    | B    | C     | D    | E     | Box/Bag Qty | Case Qty |
|-------------------------------|--------|--|------|------|-------|------|-------|-------------|----------|
| <b>Hanging Bag Small Pack</b> |        |  |      |      |       |      |       |             |          |
| 23284                         | Yellow | Max: 4 # 16 & 2 #18<br>Min: 2 #18        | .252 | .386 | .717  | .354 | 1.016 | 25          | 1,250    |
| 23285                         | Tan    | Max: 3 #12 & 3 #18<br>Min: 2 #18         | .283 | .457 | .720  | .362 | 1.142 | 25          | 1,250    |
| 23286                         | Red    | Max: 2 #12 & 4 #14<br>Min: 1 #16 & 1 #14 | .354 | .531 | .906  | .378 | 1.252 | 25          | 1,250    |
| 23288                         | Gray   | Max: 4 #12<br>Min: 2 #10                 | .394 | .587 | 1.000 | .394 | 1.311 | 6           | 1,250    |
| 23290                         | Blue   | Max: 2 #12 & 3 #10<br>Min: 2 #10         | .472 | .740 | 1.260 | .516 | 1.575 | 6           | 1,250    |
| <b>Boxed</b>                  |        |  |      |      |       |      |       |             |          |
| 23084                         | Yellow | Max: 4 #16 & 2 #18<br>Min: 2 #18         | .252 | .386 | .717  | .354 | 1.016 | 100         | 10,000   |
| 23085                         | Tan    | Max: 3 #12 & 3 #18<br>Min: 2 #18         | .283 | .457 | .720  | .362 | 1.142 | 100         | 10,000   |
| 23086                         | Red    | Max: 2 #12 & 4 #14<br>Min: 1 #16 & 1 #14 | .354 | .531 | .906  | .378 | 1.252 | 100         | 8,000    |
| 23088                         | Gray   | Max: 3 #10<br>Min: 3 #14 & 1 #18         | .394 | .587 | 1.000 | .394 | 1.311 | 50          | 5,000    |
| 23090                         | Blue   | Max: 1 #8 & 3 #10<br>Min: 2 #10 & 1 #12  | .472 | .740 | 1.260 | .516 | 1.575 | 50          | 4,000    |
| <b>Bagged Bulk Pack</b>       |        |  |      |      |       |      |       |             |          |
| 23184                         | Yellow | Max: 3 #12<br>Min: 2 #18                 | .252 | .386 | .717  | .354 | 1.016 | 500         | 5,000    |
| 23185                         | Tan    | Max: 3 #10<br>Min: 3 #22                 | .283 | .457 | .720  | .362 | 1.142 | 500         | 5,000    |
| 23186                         | Red    | Max: 5 #12<br>Min: 3 #16                 | .354 | .531 | .906  | .378 | 1.252 | 500         | 5,000    |
| 23188                         | Gray   | Max: 3 #10<br>Min: 3 #14 & 1 #18         | .394 | .587 | 1.000 | .394 | 1.311 | 100         | 2,500    |
| 23190                         | Blue   | Max: 1 #8 & 3 #10<br>Min: 2 #10 & 1 #12  | .472 | .740 | 1.260 | .516 | 1.575 | 100         | 1,500    |
| <b>Small Jar</b>              |        |  |      |      |       |      |       |             |          |
| 23384                         | Yellow | Max: 4 #16 & 2 #18<br>Min: 2 #18         | .252 | .386 | .717  | .354 | 1.016 | 200         | 6,400    |
| 23385                         | Tan    | Max: 3 #12 & 3 #18<br>Min: 2 #18         | .283 | .457 | .720  | .362 | 1.142 | 150         | 4,800    |
| 23386                         | Red    | Max: 2 #12 & 4 #14<br>Min: 1 #16 & 1 #14 | .354 | .531 | .906  | .378 | 1.252 | 100         | 3,200    |
| <b>Large Jar</b>              |        |  |      |      |       |      |       |             |          |
| 23484                         | Yellow | Max: 4 #16 & 2 #18<br>Min: 2 #18         | .252 | .386 | .717  | .354 | 1.016 | 550         | 6,600    |
| 23485                         | Tan    | Max: 3 #12 & 3 #18<br>Min: 2 #18         | .283 | .457 | .720  | .362 | 1.142 | 450         | 5,400    |
| 23486                         | Red    | Max: 2 #12 & 4 #14<br>Min: 1 #16 & 1 #14 | .354 | .531 | .906  | .378 | 1.252 | 300         | 3,600    |





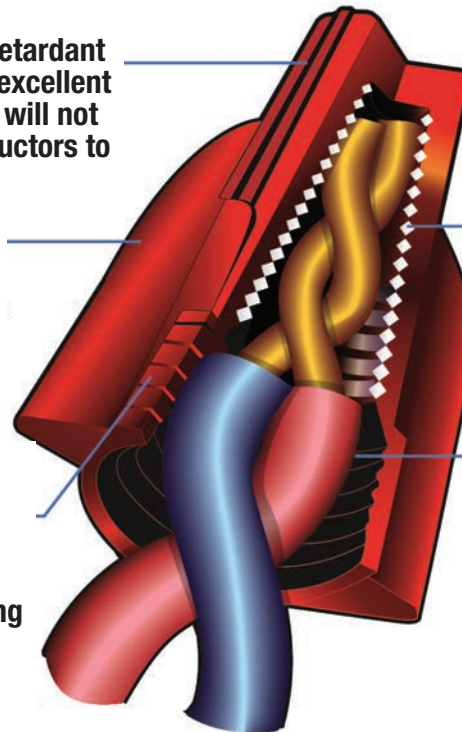
## Wing Connectors

Heavy duty thick wall flame retardant thermoplastic shell provides excellent electrical insulation. Housing will not stress/fracture or allow conductors to penetrate housing wall

Swept-Back wing design fits naturally into your fingers and provides finger-tip comfort allowing for increased torque

No Pre-Twisting Necessary

Connector will Bite & Hold on Single Conductor to facilitate WWe Isolation/Capping of Conductor

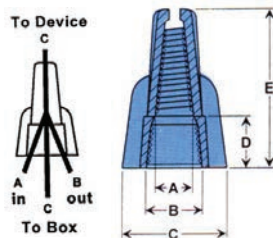


Live Action Square Wire Spring Draws Wires Deep into Spring, Providing a more Secure Grip on Conductors & Finishing Termination in 1/2 the Time/Labor of Competitors' Products

Deep Skirt Entry Provides Protection from Flashover and Shorts

- Color Coded for easy Wire Range Identification
- Swept wing fits into your hand naturally to give extra torque/leverage and reduce the effort required for splicing, working especially well for large wire combinations
- Compact, narrow profile takes up less space in junction boxes
- Ribbed-Cap provides more secure grip and faster fingertip starts even when hands become slippery
- Temperature rated at 221°F (105°C) maximum
- No Pre-Twisting of Conductors is required - spring creates its own thread
- Reusable connector threads on or off splice for fast and easy circuit changes and additions
- Tough, UL 94V-2 Flame Retardant Shell will not crack or break, even when applied to maximum wire combinations under extreme pressure
- Rated 600 Volt, 1000 Volt Max. in lighting fixtures & signs

## Grounding Connectors



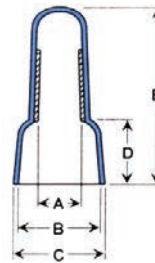
- Specifically designed for making Positive Ground Connections and Bonding Non-Metallic Sheathed Cable
- Color Coded Green for Identification as Grounding Connector
- Live Action Square Spring Draws Wires Deep into Spring for safe tight grip and a reliable connection
- Built-in Swept-Back Wing Design enables users to tighten connectors easily without tools

Dimensions = Inches

| Cat. No.                    | Color | Wire Combinations | A    | B    | C    | D    | E     | Qty | Case Qty |
|-----------------------------|-------|-------------------|------|------|------|------|-------|-----|----------|
| <b>Hanging Bag 25 Pack</b>  |       |                   |      |      |      |      |       |     |          |
| 23292                       | Green | No.14 Thru 10 Awg | .327 | .476 | .795 | .370 | 1.134 | 25  | 5,000    |
| <b>Boxed 100 Pack</b>       |       |                   |      |      |      |      |       |     |          |
| 23092                       | Green | No.14 Thru 10 Awg | .327 | .476 | .795 | .370 | 1.134 | 100 | 10,000   |
| <b>Bagged 500 Bulk Pack</b> |       |                   |      |      |      |      |       |     |          |
| 23192                       | Green | No.14 Thru 10 Awg | .327 | .476 | .795 | .370 | 1.134 | 500 | 3,200    |

## Pre-Insulated Crimp Connectors

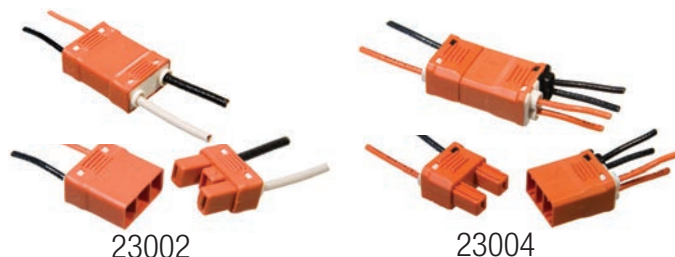
- Nylon Insulated Copper Crimp Sleeve
- Use in light fixtures, appliances and other electrical & OEM applications
- Holds wires firmly excellent for high vibration applications
- Compact design fits easily into tight locations
- Flared Skirt Beveled Opening eases wire entry & protects against splayed strand
- Rugged, yet resilient insulator
- 221°F (105°C) Rated
- UL 94V-2
- 300 Volt



Dimensions = Inches

| Cat. No.                   | Wire Range     | Max Wire Combination | Min Wire Combination | A    | B    | C    | D    | E     | Bag Qty | Master Bag Qty |
|----------------------------|----------------|----------------------|----------------------|------|------|------|------|-------|---------|----------------|
| <b>Hanging Bag 25 Pack</b> |                |                      |                      |      |      |      |      |       |         |                |
| <b>22100</b>               | No.22 - 18 Awg | 2 #20 w 1 #18        | 2 #22                | .102 | .244 | .307 | .244 | .709  | 25      | 100            |
| <b>22102</b>               | No.22 - 14 Awg | 1 #18 w 1 #14        | 2 #22                | .118 | .311 | .374 | .283 | .776  | 25      | 100            |
| <b>22104</b>               | No.22 - 10 Awg | 3 #14                | 2 #22 2 #18          | .157 | .413 | .492 | .378 | 1.004 | 25      | 100            |
| <b>Bagged Bulk Pack</b>    |                |                      |                      |      |      |      |      |       |         |                |
| <b>22000</b>               | No.22 - 18 Awg | 2 #20 w 1 #18        | 2 #22                | .102 | .244 | .307 | .244 | .709  | 100     | 1,000          |
| <b>22002</b>               | No.22 - 14 Awg | 1 #18 w 1 #14        | 2 #22                | .118 | .311 | .374 | .283 | .776  | 100     | 1,000          |
| <b>22004</b>               | No.22 - 10 Awg | 3 #14                | 2 #22 2 #18          | .157 | .413 | .492 | .378 | 1.004 | 100     | 1,000          |

### Luminaire Ballast Disconnects - 2 - 4 Pole



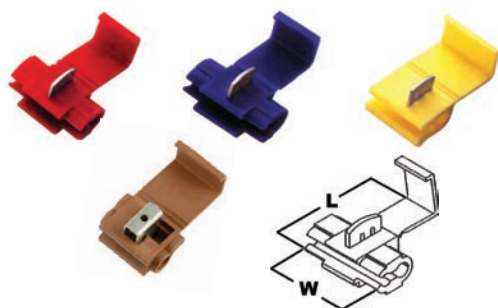
- 2 & 3 Pole Touch Proof Luminaire Disconnects
- Meets NEC 2008 410.130G & CEC Section 221.-06-Paragraph 30-308(4) Ballast Disconnect Safety Requirements for Non-Residential Fluorescent Fixtures. UL 2459 Compliant
- Patented Push-In Wire Insertion Technology Accommodates both Solid & Stranded Conductors
- Low Insertion Force Eliminates the Need for Installation Tools
- Male/Female Pluggable Touch-Proof Design Provides for Safe Ballast Disconnect Under Load
- Heavy Duty Nylon Housing 105°C Temperature Rating UL 94V-0
- 3A@120V 1.3A@277V .75A@480V

| Cat. No.                         | Ports Line | Ports Load | Wire Awg Line | Wire Awg Load | Volts   | L    | H   | W   | Bag Qty | Case Qty |
|----------------------------------|------------|------------|---------------|---------------|---------|------|-----|-----|---------|----------|
| <b>2 Pole Line - 2 Pole Load</b> |            |            |               |               |         |      |     |     |         |          |
| 23002                            | 2          | 2          | 12-14         | 18            | 120/277 | 1.32 | .86 | .45 | 25      | 500      |
| <b>2 Pole Line - 4 Pole Load</b> |            |            |               |               |         |      |     |     |         |          |
| 23004                            | 2          | 4          | 12-18         | 12-18         | 120/277 | 1.46 | .75 | .50 | 25      | 500      |

Dimensions = Inches



### Quick Splice Connectors



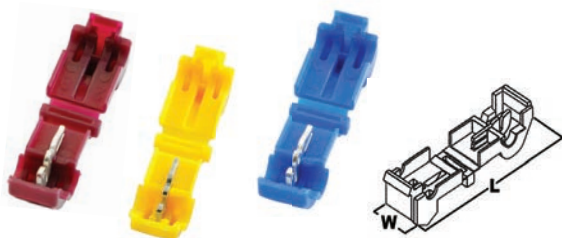
- Pre-insulated Insulation Displacement Connector
- Used for quick connections with no wire stripping
- Simply insert both wires, squeeze down the Metal Insulation Displacement Tab with pliers and snap the cover into place
- Housing Material: Polypropylene
- Contact Material: Electro-Tin Plated Brass
- Temperature Rating: 221°F (105°C)
- 600 Volts

Dimensions = Inches

|     |    |    |    |    |    |    |    |
|-----|----|----|----|----|----|----|----|
| Awg | 22 | 20 | 18 | 16 | 14 | 12 | 10 |
| Amp | 3  | 4  | 7  | 10 | 15 | 20 | 24 |

| Cat. No. | Color  | Wire Range           | Width | Length | Bag Qty | Master Bag Qty |
|----------|--------|----------------------|-------|--------|---------|----------------|
| 10772    | Red    | 22-18                | .79   | 1.06   | 25      | 100            |
| 10774    | Blue   | 18-14                | .79   | 1.06   | 25      | 100            |
| 10776    | Yellow | 12-10                | .81   | 1.35   | 25      | 100            |
| 10777    | Brown  | 12-10 Line 18-14 Tap | .81   | 1.36   | 25      | 100            |

### T-Tap Disconnects



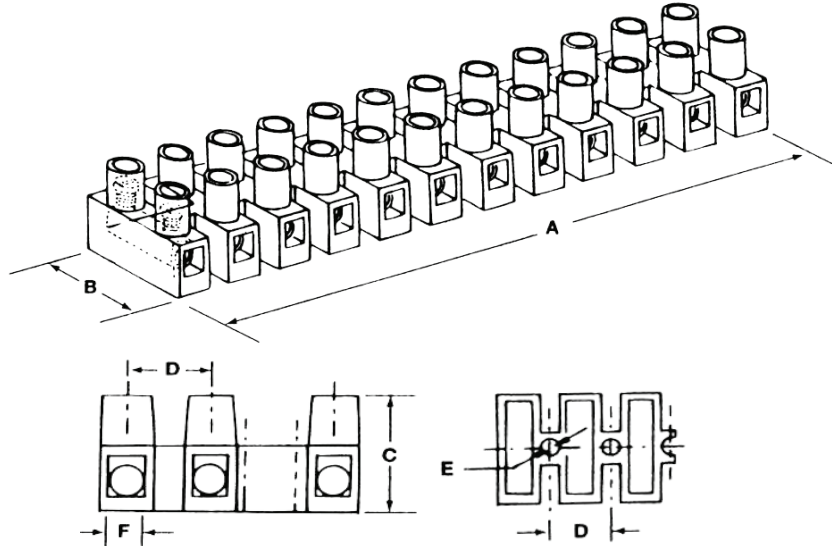
- Pre-insulated Insulation Displacement Connector
- Used for quick connections with no wire stripping
- Simply insert both wires, squeeze down the Metal Insulation Displacement Tab with pliers and snap the cover into place
- Housing Material: Nylon
- Contact Material: Electro-Tin Plated Brass
- Temperature Rating: 221°F (105°C)
- 600 Volts

Dimensions = Inches

|     |    |    |    |    |    |    |    |
|-----|----|----|----|----|----|----|----|
| Awg | 22 | 20 | 18 | 16 | 14 | 12 | 10 |
| Amp | 3  | 4  | 7  | 10 | 15 | 20 | 24 |

| Cat. No. | Color  | Wire Range | Width | Length | Bag Qty | Master Bag Qty |
|----------|--------|------------|-------|--------|---------|----------------|
| 10780    | Red    | 22-18      | .39   | 1.46   | 25      | 100            |
| 10781    | Blue   | 18-14      | .39   | 1.46   | 25      | 100            |
| 10782    | Yellow | 12         | .39   | 1.46   | 25      | 100            |

# Terminal Blocks



- Touch Proof Recessed Screws and Tubular Contacts provide added safety and helps prevent short circuits
- Tubular Contacts connect stripped, un-terminated solid or stranded wire directly to each contact
- Integrated Stainless Steel Spring Wire Protectors prevent twisting and breakage of stranded wire during termination
- Modular 12-Circuit Design can be cut into smaller sections, or stacked end-to-end

- Dead Front Design to prevent shorts
- Rugged Nylon 66 Housing, UL 94V2
- Brass Metal Alloy, Nickel Plated Terminal Insert
- Zinc Plated, yellow chromated screws
- Can be used for AC & DC Applications
- 300V
- 221°F (105°C)



Dimensions = Inches

| Cat No.                     | Amp | Volts | Wire Range             | A    | B     | C    | D    | E    | F    | Strip Length | Bag Qty |
|-----------------------------|-----|-------|------------------------|------|-------|------|------|------|------|--------------|---------|
| <b>Header Card - 2 Pack</b> |     |       |                        |      |       |      |      |      |      |              |         |
| <b>22152</b>                | 20  | 300   | 22-12                  | 3.79 | .669  | .570 | .315 | .114 | .110 | .20          | 2       |
| <b>22154</b>                | 30  | 300   | 22-10 Sol<br>22-12 Str | 4.62 | .795  | .670 | .394 | .142 | .134 | .25          | 2       |
| <b>22156</b>                | 30  | 300   | 22-10                  | 5.54 | .937  | .748 | .472 | .154 | .154 | .27          | 2       |
| <b>22158</b>                | 50  | 300   | 20-8                   | 6.22 | 1.008 | .992 | .531 | .173 | .189 | .35          | 2       |
| <b>Bulk</b>                 |     |       |                        |      |       |      |      |      |      |              |         |
| <b>22052</b>                | 20  | 300   | 22-12                  | 3.79 | .669  | .570 | .315 | .114 | .110 | .20          | 50      |
| <b>22054</b>                | 30  | 300   | 22-10 Sol<br>22-12 Str | 4.62 | .795  | .670 | .394 | .142 | .134 | .25          | 50      |
| <b>22056</b>                | 30  | 300   | 22-10                  | 5.48 | .924  | .739 | .472 | .154 | .154 | .27          | 40      |
| <b>22058</b>                | 50  | 300   | 20-8                   | 6.22 | 1.008 | .992 | .531 | .173 | .189 | .35          | 25      |





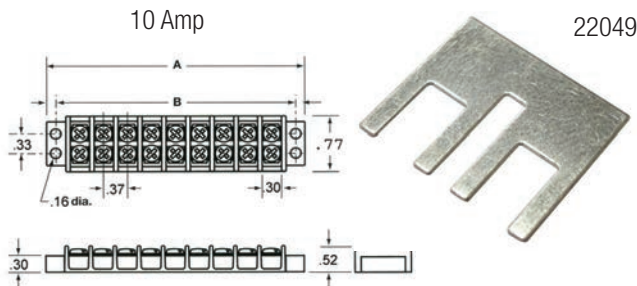
### Terminal Strips



- Terminal Strips are a popular alternative to splicing
- High density circuitry can be attained to conserve space
- Rated: UL 300VAC CSA 600VAC
- .562" Center Spacing
- Insulation Withstands Voltage: AC 2000V/min
- Insulation Resistance: 1000M at DC500V
- Temperature Range: -40°F to 248°F (-40°C to 120°C)
- Screw Torque Value: 18 Kg-cm
- Wire Range Awg: 12-22 Str
- Insulator Body: Plastic Nylon 66 (UL 94V-0)
- Brass Tin Plated Terminals 0.8t
- Terminal Screws: M4 Nickel plated Brass

### Terminal Strips - 10A

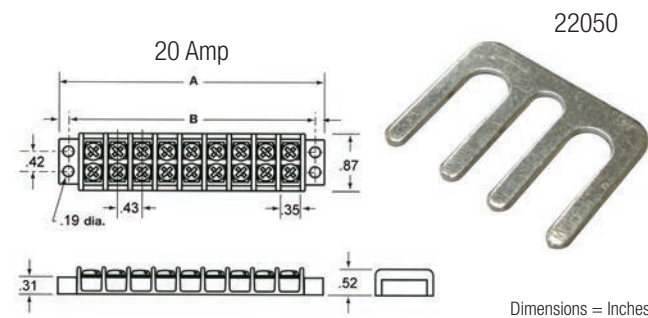
Dimensions = Inches



| Cat No.              | Poles  | A     | B     | Bag Qty |
|----------------------|--------|-------|-------|---------|
| <b>Bag - 10 Pack</b> |        |       |       |         |
| 22033                | 2      | 1.41" | 1.12" | 10      |
| 22034                | 4      | 2.16" | 1.87" | 10      |
| 22035                | 6      | 2.91" | 2.54" | 10      |
| 22036                | 8      | 3.36" | 3.37" | 10      |
| 22037                | 10     | 4.41" | 4.15" | 10      |
| 22038                | 12     | 5.16" | 4.86" | 10      |
| <b>Jumper Bar</b>    |        |       |       |         |
| 22049                | Jumper |       |       | 10      |

### Terminal Strips - 20A

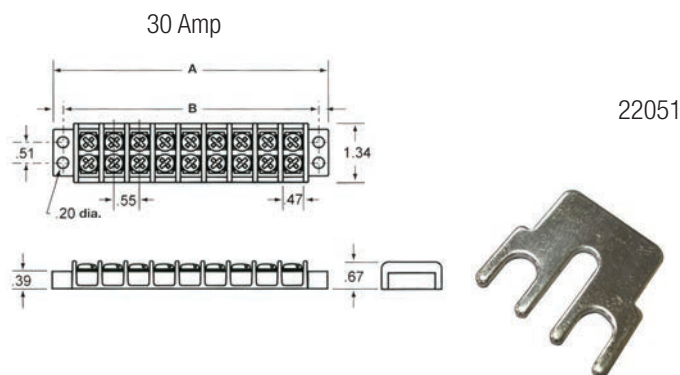
Dimensions = Inches



| Cat No.           | Poles  | A     | B     | Bag Qty |
|-------------------|--------|-------|-------|---------|
| <b>Jumper Bar</b> |        |       |       |         |
| 22042             | 2      | 1.64" | 1.29" | 10      |
| 22043             | 4      | 2.50" | 2.15" | 10      |
| 22044             | 6      | 3.36" | 3.00" | 10      |
| 22045             | 8      | 4.22" | 3.86" | 10      |
| 22046             | 10     | 5.07" | 4.72" | 10      |
| 22047             | 12     | 5.93" | 5.58" | 10      |
| <b>Jumper Bar</b> |        |       |       |         |
| 22050             | Jumper |       |       | 10      |

### Terminal Strips - 30A

Dimensions = Inches

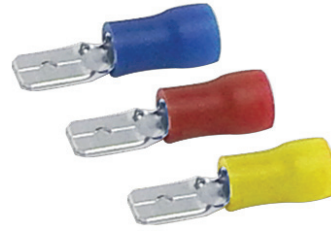
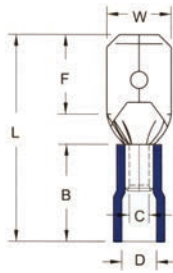


| Cat No.                     | Poles      | A     | B     | Bag Qty |
|-----------------------------|------------|-------|-------|---------|
| <b>Header Card - 2 Pack</b> |            |       |       |         |
| 22122                       | 2          | 2.05" | 1.65" | 2       |
| 22123                       | 3          | 2.60" | 2.20" | 2       |
| 22124                       | 4          | 3.15" | 2.76" | 2       |
| 22126                       | 6          | 4.25" | 3.86" | 2       |
| 22128                       | 8          | 5.35" | 4.96" | 2       |
| 22130                       | 10         | 6.46" | 6.06" | 2       |
| 22132                       | 12         | 7.56" | 7.17" | 2       |
| <b>Bag - 10 Pack</b>        |            |       |       |         |
| 22022                       | 2          | 2.05" | 1.65" | 10      |
| 22023                       | 3          | 2.60" | 2.20" | 10      |
| 22024                       | 4          | 3.15" | 2.76" | 10      |
| 22026                       | 6          | 4.25" | 3.86" | 10      |
| 22028                       | 8          | 5.35" | 4.96" | 10      |
| 22030                       | 10         | 6.46" | 6.06" | 10      |
| 22032                       | 12         | 7.56" | 7.17" | 10      |
| <b>Jumper Bar</b>           |            |       |       |         |
| 22051                       | Jumper Bar |       |       | 10      |

## Male Disconnects - 25 Pack



- Vinyl Insulated
- Electro Tin Plated Brass
- Expanded Insulation
- Serrated Barrel
- 167°F (75°C) 300 Volts Max



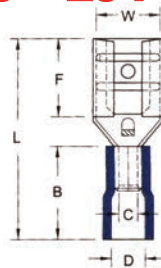
Dimensions = Inches

| Cat. No. | Color  | Wire Size AWG | Tab Size    | W    | F    | L    | B    | C    | D    | T    | Bag Qty | Master Bag Qty |
|----------|--------|---------------|-------------|------|------|------|------|------|------|------|---------|----------------|
| 01212    | Red    | 22-16         | .020 X .187 | .189 | .256 | .748 | .394 | .067 | .157 | .020 | 25      | 100            |
| 01214    | Red    | 22-16         | .032 X .250 | .250 | .303 | .827 | .394 | .067 | .157 | .016 | 25      | 100            |
| 01222    | Blue   | 16-14         | .020 X .187 | .189 | .256 | .748 | .394 | .091 | .177 | .020 | 25      | 100            |
| 01224    | Blue   | 16-14         | .032 X .250 | .250 | .303 | .827 | .394 | .091 | .177 | .016 | 25      | 100            |
| 01232    | Yellow | 12-10         | .032 X .250 | .250 | .303 | .945 | .512 | .134 | .217 | .016 | 25      | 100            |

## Female Disconnects - 25 Pack



- Vinyl Insulated
- Electro Tin Plated Brass
- Expanded Insulation
- Serrated Barrel
- 167°F (75°C) 300 Volts Max



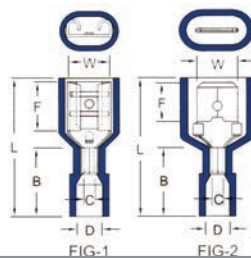
Dimensions = Inches

| Cat. No. | Color  | Wire Size AWG | Tab Size    | W    | F    | L    | B    | C    | D    | T    | Bag Qty | Master Bag Qty |
|----------|--------|---------------|-------------|------|------|------|------|------|------|------|---------|----------------|
| 01312    | Red    | 22-16         | .020 X .187 | .197 | .252 | .748 | .394 | .067 | .157 | .014 | 25      | 100            |
| 01314    | Red    | 22-16         | .032 X .250 | .260 | .295 | .807 | .394 | .067 | .157 | .014 | 25      | 100            |
| 01322    | Blue   | 16-14         | .020 X .187 | .197 | .252 | .748 | .394 | .091 | .177 | .014 | 25      | 100            |
| 01324    | Blue   | 16-14         | .032 X .250 | .260 | .295 | .807 | .394 | .091 | .177 | .016 | 25      | 100            |
| 01332    | Yellow | 12-10         | .032 X .250 | .260 | .295 | .925 | .512 | .134 | .217 | .016 | 25      | 100            |

## Nylon Fully Insulated Disconnects - 25 Pack



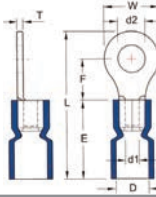
- Nylon Insulated
- Electro Tin Plated Brass
- Expanded Insulation
- Serrated Barrel
- 221°F (105°C) 300 Volts Max
- Rectangular Housing Shape



Dimensions = Inches

| Cat. No. | Type   | Color  | Wire Size AWG | Tab Size    | W    | F    | L    | B    | C    | D    | T    | Bag Qty | Master Bag Qty |
|----------|--------|--------|---------------|-------------|------|------|------|------|------|------|------|---------|----------------|
| 01411    | Female | Red    | 22-16         | .032 X .250 | .260 | .295 | .866 | .433 | .067 | .157 | .016 | 25      | 100            |
| 01412    | Female | Blue   | 16-14         | .032 X .250 | .260 | .295 | .866 | .433 | .091 | .177 | .016 | 25      | 100            |
| 01414    | Female | Yellow | 12-10         | .032 X .250 | .260 | .295 | .945 | .512 | .134 | .248 | .016 | 25      | 100            |
| 01415    | Male   | Red    | 22-16         | .032 X .250 | .250 | .303 | .906 | .433 | .067 | .157 | .016 | 25      | 100            |
| 01416    | Male   | Blue   | 16-14         | .032 X .250 | .250 | .303 | .945 | .433 | .091 | .177 | .016 | 25      | 100            |
| 01418    | Male   | Yellow | 12-10         | .032 X .250 | .250 | .303 | .984 | .512 | .134 | .248 | .016 | 25      | 100            |

### Ring Terminals – 25 Pack



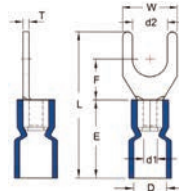
- Vinyl Insulated
- Electro Tin Plated Copper
- Expanded Insulation
- Serrated Barrel
- 167°F (75°C) 600 Volts Max



Dimensions = Inches

| Cat. No. | Color  | Wire Size AWG | Stud Size | d2   | W    | F    | L     | E    | D    | d1   | T    | Bag Qty | Master Bag Qty |
|----------|--------|---------------|-----------|------|------|------|-------|------|------|------|------|---------|----------------|
| 01012    | Red    | 22-16         | #6        | .146 | .260 | .248 | .811  | .441 | .157 | .067 | .031 | 25      | 100            |
| 01014    | Red    | 22-16         | #8        | .169 | .315 | .276 | .866  | .441 | .157 | .067 | .031 | 25      | 100            |
| 01016    | Red    | 22-16         | #10       | .209 | .315 | .276 | .866  | .441 | .157 | .067 | .031 | 25      | 100            |
| 01018    | Red    | 22-16         | 1/4       | .252 | .457 | .433 | 1.102 | .441 | .157 | .067 | .031 | 25      | 100            |
| 01032    | Blue   | 16-14         | #6        | .146 | .260 | .248 | .823  | .453 | .177 | .091 | .031 | 25      | 100            |
| 01034    | Blue   | 16-14         | #8        | .169 | .335 | .307 | .917  | .453 | .177 | .091 | .031 | 25      | 100            |
| 01036    | Blue   | 16-14         | #10       | .209 | .335 | .307 | .917  | .453 | .177 | .091 | .031 | 25      | 100            |
| 01038    | Blue   | 16-14         | 1/4       | .252 | .472 | .433 | 1.114 | .453 | .177 | .091 | .031 | 25      | 100            |
| 01040    | Blue   | 16-14         | 5/16      | .331 | .472 | .433 | 1.114 | .453 | .177 | .091 | .031 | 25      | 100            |
| 01042    | Blue   | 16-14         | 3/8       | .413 | .535 | .547 | 1.260 | .453 | .177 | .091 | .031 | 25      | 100            |
| 01062    | Yellow | 12-10         | #8        | .169 | .283 | .240 | .937  | .555 | .248 | .134 | .039 | 25      | 100            |
| 01064    | Yellow | 12-10         | #10       | .209 | .374 | .327 | 1.067 | .555 | .248 | .134 | .039 | 25      | 100            |
| 01066    | Yellow | 12-10         | 1/4       | .252 | .472 | .413 | 1.205 | .555 | .248 | .134 | .039 | 25      | 100            |
| 01068    | Yellow | 12-10         | 5/16      | .331 | .591 | .524 | 1.382 | .555 | .248 | .134 | .039 | 25      | 100            |
| 01070    | Yellow | 12-10         | 3/8       | .413 | .591 | .524 | 1.382 | .555 | .248 | .134 | .039 | 25      | 100            |

### Fork/Spade Terminals – 25 Pack



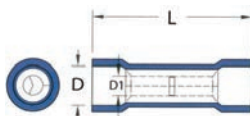
- Vinyl Insulated
- Electro Tin Plated Copper
- Expanded Insulation
- Serrated Barrel
- 167°F (75°C) 600 Volts Max



Dimensions = Inches

| Cat. No. | Color  | Wire Size AWG | Stud Size | d2   | W    | F    | L      | E    | D    | d1   | T    | Bag Qty | Master Bag Qty |
|----------|--------|---------------|-----------|------|------|------|--------|------|------|------|------|---------|----------------|
| 01112    | Red    | 22-16         | #6        | .146 | .252 | .256 | .874   | .441 | .157 | .067 | .030 | 25      | 100            |
| 01114    | Red    | 22-16         | #8        | .169 | .252 | .256 | .874   | .441 | .157 | .067 | .030 | 25      | 100            |
| 01116    | Red    | 22-16         | #10       | .209 | .319 | .256 | .874   | .441 | .157 | .067 | .030 | 25      | 100            |
| 01118    | Red    | 22-16         | 1/4       | .252 | .472 | .433 | 1.11   | .441 | .157 | .067 | .030 | 25      | 100            |
| 01132    | Blue   | 16-14         | #6        | .146 | .283 | .256 | .886   | .453 | .177 | .091 | .031 | 25      | 100            |
| 01134    | Blue   | 16-14         | #8        | .169 | .311 | .256 | .886   | .453 | .177 | .091 | .031 | 25      | 100            |
| 01136    | Blue   | 16-14         | #10       | .209 | .366 | .256 | .886   | .453 | .177 | .091 | .031 | 25      | 100            |
| 01138    | Blue   | 16-14         | 1/4       | .252 | .472 | .433 | 1.110  | .453 | .177 | .091 | .031 | 25      | 100            |
| 01162    | Yellow | 12-10         | #8        | .169 | .354 | .276 | 1.047  | .555 | .248 | .134 | .039 | 25      | 100            |
| 01164    | Yellow | 12-10         | #10       | .209 | .354 | .276 | 1.1047 | .555 | .248 | .134 | .039 | 25      | 100            |
| 01166    | Yellow | 12-10         | 1/4       | .252 | .472 | .472 | 1.283  | .555 | .248 | .134 | .039 | 25      | 100            |
| 01168    | Yellow | 12-10         | 5/16      | .331 | .551 | .413 | 1.244  | .555 | .248 | .134 | .039 | 25      | 100            |

### Butt Splices - 25 Pack



- Vinyl Insulated
- Electro Tin Plated Copper
- Expanded Insulation
- 167°F (75°C) 600 Volts Max



Dimensions = Inches

| Cat. No. | Color  | Wire Size AWG | L     | D    | d1   | Bag Qty | Master Bag Qty |
|----------|--------|---------------|-------|------|------|---------|----------------|
| 01182    | Red    | 22-16         | .969  | .157 | .067 | 25      | 100            |
| 01184    | Blue   | 16-14         | .969  | .177 | .091 | 25      | 100            |
| 01186    | Yellow | 12-10         | 1.043 | .248 | .134 | 25      | 100            |

# Non-Insulated Ring Terminals

|     |    |    |     |     |
|-----|----|----|-----|-----|
| Awg | 8  | 6  | 4   | 2   |
| Amp | 70 | 95 | 125 | 170 |

**MAXIMUM ELECTRIC RATING:** 302°F (150°C) 600V

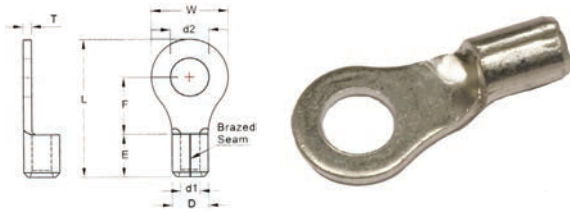
**TERMINAL MATERIAL:**

Electro-Tin Plated Copper - Brazed Seam

**FEATURES:** Serrated Barrel

Dimensions = Inches

MAXIMUM ELECTRIC CURRENT:

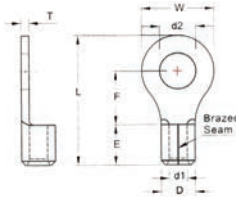


| Cat. No. | Wire Size AWG | Stud Size | d2   | W     | F     | L     | E    | D    | d1   | T    | Bag Qty |
|----------|---------------|-----------|------|-------|-------|-------|------|------|------|------|---------|
| 11076    | 8             | #6        | .146 | .315  | .366  | .846  | .335 | .283 | .177 | .047 | 100     |
| 11078    | 8             | #8        | .169 | .472  | .366  | .937  | .335 | .283 | .177 | .047 | 100     |
| 11080    | 8             | #10       | .209 | .472  | .366  | .937  | .335 | .283 | .177 | .047 | 100     |
| 11082    | 8             | 1/4       | .252 | .472  | .366  | .937  | .335 | .283 | .177 | .047 | 100     |
| 11084    | 8             | 5/16      | .331 | .591  | .543  | 1.161 | .335 | .283 | .177 | .047 | 100     |
| 11086    | 8             | 3/8       | .413 | .591  | .543  | 1.161 | .335 | .283 | .177 | .047 | 100     |
| 11088    | 8             | 1/2       | .512 | .787  | .591  | 1.319 | .335 | .283 | .177 | .047 | 100     |
| 11138    | 8             | 9/16      | .591 | 1.244 | 1.008 | 1.949 | .335 | .283 | .177 | .047 | 100     |
| 11139    | 8             | 5/8       | .669 | 1.244 | 1.008 | 1.949 | .335 | .283 | .177 | .047 | 100     |
| 11140    | 8             | 11/16     | .748 | 1.244 | 1.008 | 1.949 | .335 | .283 | .177 | .047 | 100     |
| 11141    | 8             | 3/4       | .827 | 1.244 | 1.008 | 1.949 | .335 | .283 | .177 | .047 | 100     |
| 11090    | 6             | #8        | .169 | .472  | .524  | 1.180 | .413 | .354 | .228 | .059 | 100     |
| 11092    | 6             | #10       | .209 | .472  | .524  | 1.180 | .413 | .354 | .228 | .059 | 100     |
| 11094    | 6             | 1/4       | .252 | .472  | .524  | 1.180 | .413 | .354 | .228 | .059 | 100     |
| 11096    | 6             | 5/16      | .331 | .630  | .559  | 1.280 | .413 | .354 | .228 | .059 | 100     |
| 11098    | 6             | 3/8       | .413 | .630  | .559  | 1.280 | .413 | .354 | .228 | .059 | 100     |
| 11100    | 6             | 7/16      | .453 | .866  | .780  | 1.614 | .413 | .354 | .228 | .059 | 100     |
| 11102    | 6             | 1/2       | .512 | .866  | .780  | 1.614 | .413 | .354 | .228 | .059 | 100     |
| 11142    | 6             | 9/16      | .591 | 1.244 | .996  | 2.008 | .413 | .354 | .228 | .059 | 100     |
| 11143    | 6             | 5/8       | .669 | 1.244 | .996  | 2.008 | .413 | .354 | .228 | .059 | 100     |
| 11144    | 6             | 11/16     | .748 | 1.244 | .996  | 2.008 | .413 | .354 | .228 | .059 | 100     |
| 11145    | 6             | 3/4       | .827 | 1.244 | .996  | 2.008 | .413 | .354 | .228 | .059 | 100     |
| 11104    | 4             | #8        | .169 | .480  | .594  | 1.307 | .472 | .453 | .303 | .067 | 100     |
| 11106    | 4             | #10       | .209 | .480  | .594  | 1.307 | .472 | .453 | .303 | .067 | 100     |
| 11108    | 4             | 1/4       | .252 | .480  | .594  | 1.299 | .472 | .453 | .303 | .067 | 100     |
| 11110    | 4             | 5/16      | .331 | .650  | .531  | 1.319 | .472 | .453 | .303 | .067 | 100     |
| 11112    | 4             | 3/8       | .413 | .650  | .531  | 1.319 | .472 | .453 | .303 | .067 | 100     |
| 11114    | 4             | 7/16      | .453 | .866  | .776  | 1.673 | .472 | .453 | .303 | .067 | 100     |
| 11116    | 4             | 1/2       | .512 | .866  | .776  | 1.673 | .472 | .453 | .303 | .067 | 100     |
| 11134    | 4             | 9/16      | .591 | 1.181 | .953  | 2.008 | .472 | .453 | .303 | .067 | 100     |
| 11135    | 4             | 5/8       | .669 | 1.181 | .953  | 2.008 | .472 | .453 | .303 | .067 | 100     |
| 11136    | 4             | 11/16     | .748 | 1.181 | .953  | 2.008 | .472 | .453 | .303 | .067 | 100     |
| 11137    | 4             | 3/4       | .827 | 1.181 | .953  | 2.008 | .472 | .453 | .303 | .067 | 100     |
| 11118    | 2             | #10       | .209 | .602  | .685  | 1.535 | .551 | .524 | .370 | .071 | 100     |
| 11120    | 2             | 1/4       | .252 | .602  | .685  | 1.535 | .551 | .524 | .370 | .071 | 100     |
| 11122    | 2             | 5/16      | .331 | .602  | .685  | 1.535 | .551 | .524 | .370 | .071 | 100     |
| 11124    | 2             | 3/8       | .413 | .602  | .685  | 1.535 | .551 | .524 | .370 | .071 | 100     |
| 11126    | 2             | 7/16      | .453 | .866  | .697  | 1.681 | .551 | .524 | .370 | .071 | 100     |
| 11128    | 2             | 1/2       | .512 | .866  | .697  | 1.681 | .551 | .524 | .370 | .071 | 100     |
| 11130    | 2             | 9/16      | .591 | 1.181 | .917  | 2.047 | .551 | .524 | .370 | .071 | 100     |
| 11131    | 2             | 5/8       | .669 | 1.181 | .917  | 2.047 | .551 | .524 | .370 | .071 | 100     |
| 11132    | 2             | 11/16     | .748 | 1.181 | .917  | 2.047 | .551 | .524 | .370 | .071 | 100     |
| 11133    | 2             | 3/4       | .827 | 1.181 | .917  | 2.047 | .551 | .524 | .370 | .071 | 100     |



### Non-Insulated Ring Terminals

MAXIMUM ELECTRIC CURRENT:



|     |    |    |    |    |    |    |    |
|-----|----|----|----|----|----|----|----|
| Awg | 22 | 20 | 18 | 16 | 14 | 12 | 10 |
| Amp | 9  | 12 | 17 | 18 | 30 | 35 | 50 |

**MAXIMUM ELECTRIC RATING:** 302°F (150°C) 600V Dimensions = Inches

**TERMINAL MATERIAL:**

Electro-Tin Plated Copper - Brazed Seam

**FEATURES:** Serrated Barrel

| Cat. No. | Wire Size AWG | Stud Size | d2   | W     | F    | L     | E    | D    | d1   | T    | Bag Qty | Master Bag Qty |
|----------|---------------|-----------|------|-------|------|-------|------|------|------|------|---------|----------------|
| 11011    | 22-16         | #2        | .095 | .217  | .189 | .488  | .189 | .134 | .067 | .030 | 100     | 1,000          |
| 11012    | 22-16         | #4        | .126 | .217  | .197 | .492  | .189 | .134 | .067 | .030 | 100     | 1,000          |
| 11014    | 22-16         | #6        | .146 | .260  | .248 | .567  | .189 | .134 | .067 | .030 | 100     | 1,000          |
| 11016    | 22-16         | #8        | .169 | .315  | .276 | .622  | .189 | .134 | .067 | .030 | 100     | 1,000          |
| 11018    | 22-16         | #10       | .209 | .315  | .276 | .622  | .189 | .134 | .067 | .030 | 100     | 1,000          |
| 11020    | 22-16         | 1/4       | .252 | .457  | .433 | .858  | .189 | .134 | .067 | .030 | 100     | 1,000          |
| 11022    | 22-16         | 5/16      | .331 | .457  | .433 | .858  | .189 | .134 | .067 | .030 | 100     | 1,000          |
| 11024    | 22-16         | 3/8       | .413 | .535  | .547 | 1.004 | .189 | .134 | .067 | .030 | 100     | 1,000          |
| 11026    | 22-16         | 1/2       | .512 | .756  | .630 | 1.197 | .189 | .134 | .067 | .030 | 100     | 1,000          |
| 11028    | 22-16         | 9/16      | .591 | 1.063 | .827 | 1.547 | .189 | .134 | .067 | .031 | 100     | 1,000          |
| 11030    | 22-16         | 5/8       | .669 | 1.063 | .827 | 1.547 | .189 | .134 | .067 | .031 | 100     | 1,000          |
| 11032    | 22-16         | 3/4       | .827 | 1.063 | .827 | 1.547 | .189 | .134 | .067 | .031 | 100     | 1,000          |
| 11033    | 16-14         | #2        | .087 | .217  | .220 | .520  | .189 | .161 | .091 | .031 | 100     | 1,000          |
| 11034    | 16-14         | #4        | .126 | .260  | .189 | .504  | .189 | .161 | .091 | .031 | 100     | 1,000          |
| 11036    | 16-14         | #6        | .146 | .260  | .248 | .567  | .189 | .161 | .091 | .031 | 100     | 1,000          |
| 11038    | 16-14         | #8        | .169 | .335  | .291 | .650  | .189 | .161 | .091 | .031 | 100     | 1,000          |
| 11040    | 16-14         | #10       | .209 | .335  | .291 | .650  | .189 | .161 | .091 | .031 | 100     | 1,000          |
| 11042    | 16-14         | 1/4       | .252 | .472  | .433 | .858  | .189 | .161 | .091 | .031 | 100     | 1,000          |
| 11044    | 16-14         | 5/16      | .331 | .472  | .433 | .858  | .189 | .161 | .091 | .031 | 100     | 1,000          |
| 11046    | 16-14         | 3/8       | .413 | .535  | .547 | 1.004 | .189 | .161 | .091 | .031 | 100     | 1,000          |
| 11048    | 16-14         | 1/2       | .512 | .756  | .630 | 1.197 | .189 | .161 | .091 | .031 | 100     | 1,000          |
| 11050    | 16-14         | 9/16      | .591 | 1.063 | .827 | 1.547 | .189 | .161 | .091 | .031 | 100     | 1,000          |
| 11052    | 16-14         | 5/8       | .669 | 1.063 | .827 | 1.547 | .189 | .161 | .091 | .031 | 100     | 1,000          |
| 11054    | 16-14         | 3/4       | .827 | 1.063 | .827 | 1.547 | .189 | .161 | .091 | .031 | 100     | 1,000          |
| 11055    | 12-10         | #4        | .126 | .283  | .228 | .610  | .236 | .220 | .134 | .039 | 100     | 1,000          |
| 11056    | 12-10         | #6        | .146 | .283  | .240 | .618  | .236 | .220 | .134 | .039 | 100     | 1,000          |
| 11058    | 12-10         | #8        | .169 | .283  | .240 | .618  | .236 | .220 | .134 | .039 | 100     | 1,000          |
| 11060    | 12-10         | #10       | .209 | .374  | .327 | .748  | .236 | .220 | .134 | .039 | 100     | 1000           |
| 11062    | 12-10         | 1/4       | .252 | .472  | .413 | .886  | .236 | .220 | .134 | .039 | 100     | 1,000          |
| 11064    | 12-10         | 5/16      | .331 | .591  | .524 | 1.063 | .236 | .220 | .134 | .039 | 100     | 1,000          |
| 11066    | 12-10         | 3/8       | .413 | .591  | .524 | 1.063 | .236 | .220 | .134 | .039 | 100     | 1,000          |
| 11068    | 12-10         | 1/2       | .512 | .756  | .630 | 1.244 | .236 | .220 | .134 | .039 | 100     | 1,000          |
| 11070    | 12-10         | 9/16      | .591 | 1.260 | .992 | 1.858 | .236 | .220 | .134 | .039 | 100     | 1,000          |
| 11072    | 12-10         | 5/8       | .669 | 1.260 | .992 | 1.858 | .236 | .220 | .134 | .039 | 100     | 1,000          |
| 11071    | 12-10         | 11/16     | .748 | 1.260 | .992 | 1.858 | .236 | .220 | .134 | .039 | 100     | 1,000          |
| 11074    | 12-10         | 3/4       | .827 | 1.260 | .992 | 1.858 | .236 | .220 | .134 | .039 | 100     | 1,000          |



MAXIMUM ELECTRIC CURRENT:



# Nylon Insulated Ring Terminals

|     |    |    |     |     |
|-----|----|----|-----|-----|
| Awg | 8  | 6  | 4   | 2   |
| Amp | 70 | 95 | 125 | 170 |

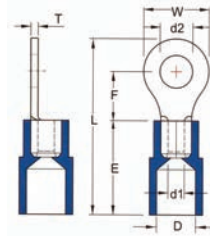
**MAXIMUM ELECTRIC RATING:** 221°F (105°C) 600 Volts

**INSULATION MATERIAL:** Nylon

**TERMINAL MATERIAL:**

Electro-Tin Plated Copper - Brazed Seam

**FEATURES:** Serrated Barrel, Expanded Insulation



Dimensions = Inches

| Cat. No. | Color  | Wire Size AWG | Stud Size | d2   | W    | F    | L     | E     | D    | d1   | T    | Bag Qty |
|----------|--------|---------------|-----------|------|------|------|-------|-------|------|------|------|---------|
| 11376    | Red    | 8             | #6        | .146 | .315 | .366 | 1.142 | .630  | .315 | .177 | .047 | 100     |
| 11378    | Red    | 8             | #8        | .169 | .472 | .366 | 1.232 | .630  | .315 | .177 | .047 | 100     |
| 11380    | Red    | 8             | #10       | .209 | .472 | .366 | 1.232 | .630  | .315 | .177 | .047 | 100     |
| 11382    | Red    | 8             | 1/4       | .252 | .472 | .366 | 1.232 | .630  | .315 | .177 | .047 | 100     |
| 11384    | Red    | 8             | 5/16      | .331 | .591 | .543 | 1.469 | .630  | .315 | .177 | .047 | 100     |
| 11386    | Red    | 8             | 3/8       | .413 | .591 | .543 | 1.469 | .630  | .315 | .177 | .047 | 100     |
| 11388    | Red    | 8             | 1/2       | .512 | .787 | .591 | 1.614 | .630  | .315 | .177 | .047 | 100     |
| 11390    | Blue   | 6             | #8        | .169 | .472 | .524 | 1.606 | .846  | .433 | .228 | .059 | 100     |
| 11392    | Blue   | 6             | #10       | .209 | .472 | .524 | 1.606 | .846  | .433 | .228 | .059 | 100     |
| 11394    | Blue   | 6             | 1/4       | .252 | .472 | .524 | 1.606 | .846  | .433 | .228 | .059 | 100     |
| 11396    | Blue   | 6             | 5/16      | .331 | .630 | .559 | 1.713 | .846  | .433 | .228 | .059 | 100     |
| 11398    | Blue   | 6             | 3/8       | .413 | .630 | .559 | 1.713 | .846  | .433 | .228 | .059 | 100     |
| 11400    | Blue   | 6             | 7/16      | .453 | .866 | .780 | 2.047 | .846  | .433 | .228 | .059 | 100     |
| 11402    | Blue   | 6             | 1/2       | .512 | .866 | .780 | 2.047 | .846  | .433 | .228 | .059 | 100     |
| 11404    | Yellow | 4             | #8        | .169 | .480 | .594 | 1.780 | .945  | .512 | .303 | .067 | 100     |
| 11406    | Yellow | 4             | #10       | .209 | .480 | .594 | 1.780 | .945  | .512 | .303 | .067 | 100     |
| 11408    | Yellow | 4             | 1/4       | .252 | .480 | .614 | 1.772 | .945  | .512 | .303 | .067 | 100     |
| 11410    | Yellow | 4             | 5/16      | .331 | .650 | .531 | 1.791 | .945  | .512 | .303 | .067 | 100     |
| 11412    | Yellow | 4             | 3/8       | .413 | .650 | .531 | 1.791 | .945  | .512 | .303 | .067 | 100     |
| 11414    | Yellow | 4             | 7/16      | .453 | .866 | .776 | 2.146 | .945  | .512 | .303 | .067 | 100     |
| 11416    | Yellow | 4             | 1/2       | .512 | .866 | .776 | 2.146 | .945  | .512 | .303 | .067 | 100     |
| 11418    | Red    | 2             | #10       | .209 | .602 | .685 | 2.047 | 1.063 | .571 | .370 | .071 | 100     |
| 11420    | Red    | 2             | 1/4       | .252 | .602 | .685 | 2.047 | 1.063 | .571 | .370 | .071 | 100     |
| 11422    | Red    | 2             | 5/16      | .331 | .602 | .685 | 2.047 | 1.063 | .571 | .370 | .071 | 100     |
| 11424    | Red    | 2             | 3/8       | .413 | .602 | .685 | 2.047 | 1.063 | .571 | .370 | .071 | 100     |
| 11426    | Red    | 2             | 7/16      | .453 | .866 | .697 | 2.193 | 1.063 | .571 | .370 | .071 | 100     |
| 11428    | Red    | 2             | 1/2       | .512 | .866 | .697 | 2.193 | 1.063 | .571 | .370 | .071 | 100     |

MAXIMUM ELECTRIC CURRENT

### Nylon Insulated Ring Terminals



|     |    |    |    |    |    |    |    |
|-----|----|----|----|----|----|----|----|
| Awg | 22 | 20 | 18 | 16 | 14 | 12 | 10 |
| Amp | 9  | 12 | 17 | 18 | 30 | 35 | 50 |

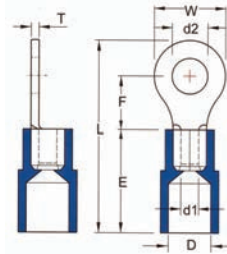
**MAXIMUM ELECTRIC RATING:** 221°F (105°C) 600 Volts

**INSULATION MATERIAL:** Nylon

**TERMINAL MATERIAL:**

Electro-Tin Plated Copper - Brazed Seam

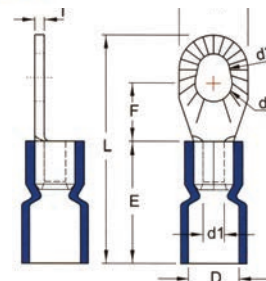
**FEATURES:** Serrated Barrel, Expanded Insulation



Dimensions = Inches

| Cat. No. | Color  | Wire Size AWG | Stud Size | d2   | W     | F    | L     | E    | D    | d1   | T    | Bag Qty | Master Bag Qty |
|----------|--------|---------------|-----------|------|-------|------|-------|------|------|------|------|---------|----------------|
| 11312    | Red    | 22-16         | #4        | .126 | .216  | .197 | .728  | .433 | .157 | .067 | .030 | 100     | 1,000          |
| 11314    | Red    | 22-16         | #6        | .146 | .260  | .248 | .803  | .433 | .157 | .067 | .030 | 100     | 1,000          |
| 11316    | Red    | 22-16         | #8        | .169 | .315  | .276 | .858  | .433 | .157 | .067 | .030 | 100     | 1000           |
| 11318    | Red    | 22-16         | #10       | .209 | .315  | .276 | .858  | .433 | .157 | .067 | .030 | 100     | 1,000          |
| 11320    | Red    | 22-16         | 1/4       | .252 | .457  | .433 | 1.094 | .433 | .157 | .067 | .030 | 100     | 1,000          |
| 11322    | Red    | 22-16         | 5/16      | .331 | .457  | .433 | 1.094 | .433 | .157 | .067 | .030 | 100     | 1,000          |
| 11324    | Red    | 22-16         | 3/8       | .413 | .535  | .547 | 1.240 | .433 | .157 | .067 | .030 | 100     | 1,000          |
| 11326    | Red    | 22-16         | 1/2       | .512 | .756  | .630 | 1.433 | .433 | .157 | .067 | .030 | 100     | 1,000          |
| 11328    | Red    | 22-16         | 9/16      | .591 | 1.063 | .827 | 1.783 | .433 | .157 | .067 | .031 | 100     | 1,000          |
| 11330    | Red    | 22-16         | 5/8       | .669 | 1.063 | .827 | 1.783 | .433 | .157 | .067 | .031 | 100     | 1,000          |
| 11332    | Red    | 22-16         | 3/4       | .827 | 1.063 | .827 | 1.783 | .433 | .157 | .067 | .031 | 100     | 1,000          |
| 11334    | Blue   | 16-14         | #4        | .126 | .260  | .189 | .740  | .433 | .177 | .091 | .031 | 100     | 1,000          |
| 11336    | Blue   | 16-14         | #6        | .146 | .260  | .248 | .803  | .433 | .177 | .091 | .031 | 100     | 1,000          |
| 11338    | Blue   | 16-14         | #8        | .169 | .335  | .307 | .898  | .433 | .177 | .091 | .031 | 100     | 1,000          |
| 11340    | Blue   | 16-14         | #10       | .209 | .335  | .307 | .898  | .433 | .177 | .091 | .031 | 100     | 1,000          |
| 11342    | Blue   | 16-14         | 1/4       | .252 | .472  | .433 | 1.094 | .433 | .177 | .091 | .031 | 100     | 1,000          |
| 11344    | Blue   | 16-14         | 5/16      | .331 | .472  | .433 | 1.094 | .433 | .177 | .091 | .031 | 100     | 1,000          |
| 11346    | Blue   | 16-14         | 3/8       | .413 | .535  | .547 | 1.240 | .433 | .177 | .091 | .031 | 100     | 1,000          |
| 11348    | Blue   | 16-14         | 1/2       | .512 | .756  | .630 | 1.433 | .433 | .177 | .091 | .031 | 100     | 1,000          |
| 11350    | Blue   | 16-14         | 9/16      | .591 | 1.063 | .827 | 1.783 | .433 | .177 | .091 | .031 | 100     | 1,000          |
| 11352    | Blue   | 16-14         | 5/8       | .669 | 1.063 | .827 | 1.783 | .433 | .177 | .091 | .031 | 100     | 1,000          |
| 11354    | Blue   | 16-14         | 3/4       | .827 | 1.063 | .827 | 1.783 | .433 | .177 | .091 | .031 | 100     | 1,000          |
| 11356    | Yellow | 12-10         | #6        | .146 | .283  | .240 | .894  | .512 | .252 | .134 | .039 | 100     | 1,000          |
| 11358    | Yellow | 12-10         | #8        | .169 | .283  | .240 | .894  | .512 | .252 | .134 | .039 | 100     | 1,000          |
| 11360    | Yellow | 12-10         | #10       | .209 | .374  | .329 | 1.024 | .512 | .252 | .134 | .039 | 100     | 1,000          |
| 11362    | Yellow | 12-10         | 1/4       | .252 | .472  | .413 | 1.161 | .512 | .252 | .134 | .039 | 100     | 1,000          |
| 11364    | Yellow | 12-10         | 5/16      | .331 | .591  | .524 | 1.339 | .512 | .252 | .134 | .039 | 100     | 1,000          |
| 11366    | Yellow | 12-10         | 3/8       | .413 | .591  | .524 | 1.339 | .512 | .252 | .134 | .039 | 100     | 1,000          |
| 11368    | Yellow | 12-10         | 1/2       | .512 | .756  | .630 | 1.520 | .512 | .252 | .134 | .039 | 100     | 1,000          |
| 11370    | Yellow | 12-10         | 9/16      | .591 | 1.260 | .992 | 2.134 | .512 | .252 | .134 | .039 | 100     | 1,000          |
| 11372    | Yellow | 12-10         | 5/8       | .669 | 1.260 | .992 | 2.134 | .512 | .252 | .134 | .039 | 100     | 1,000          |
| 11374    | Yellow | 12-10         | 3/4       | .827 | 1.260 | .992 | 2.134 | .512 | .252 | .134 | .039 | 100     | 1,000          |

# Vinyl Insulated Multiple-Stud Ring Terminals



MAXIMUM ELECTRIC CURRENT:

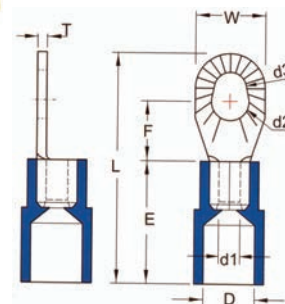
|     |    |    |    |    |    |    |    |
|-----|----|----|----|----|----|----|----|
| Awg | 22 | 20 | 18 | 16 | 14 | 12 | 10 |
| Amp | 9  | 12 | 17 | 18 | 30 | 35 | 50 |

167°F (75°C) 600 Volts  
 Vinyl Electro-Tin Plated Copper  
 Serrated Barrel, Expanded Insulation

| Cat. No.     | Color  | Wire Size AWG | Stud Size | d2   | W    | F    | L     | E    | D    | d1   | T    | Bag Qty | Master Bag Qty |
|--------------|--------|---------------|-----------|------|------|------|-------|------|------|------|------|---------|----------------|
| <b>11452</b> | Red    | 22-16         | #6        | .146 | .339 | .311 | 1.012 | .441 | .157 | .067 | .030 | 100     | 1,000          |
|              | Red    | 22-16         | #8        | .169 |      |      |       |      |      |      |      |         |                |
|              | Red    | 22-16         | #10       | .209 |      |      |       |      |      |      |      |         |                |
| <b>11454</b> | Blue   | 16-14         | #6        | .146 | .339 | .311 | 1.024 | .453 | .177 | .091 | .031 | 100     | 1,000          |
|              | Blue   | 16-14         | #8        | .169 |      |      |       |      |      |      |      |         |                |
|              | Blue   | 16-14         | #10       | .209 |      |      |       |      |      |      |      |         |                |
| <b>11456</b> | Yellow | 12-10         | #6        | .146 | .390 | .350 | 1.205 | .555 | .248 | .134 | .039 | 100     | 1,000          |
|              | Yellow | 12-10         | #8        | .169 |      |      |       |      |      |      |      |         |                |
|              | Yellow | 12-10         | #10       | .209 |      |      |       |      |      |      |      |         |                |

Dimensions = Inches

# Nylon Insulated Multiple-Stud Ring Terminals



MAXIMUM ELECTRIC CURRENT:

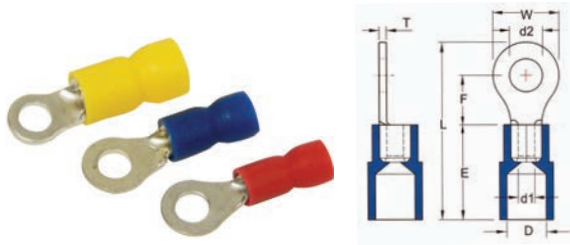
|     |    |    |    |    |    |    |    |
|-----|----|----|----|----|----|----|----|
| Awg | 22 | 20 | 18 | 16 | 14 | 12 | 10 |
| Amp | 9  | 12 | 17 | 18 | 30 | 35 | 50 |

221°F (105°C) 600 Volts  
 Nylon Electro-Tin Plated Copper - Brazed Seam  
 Serrated Barrel, Expanded Insulation

Dimensions = Inches

| Cat. No.     | Color  | Wire Size AWG | Stud Size | d2   | W    | F    | L     | E    | D    | d1   | T    | Bag Qty | Master Bag Qty |
|--------------|--------|---------------|-----------|------|------|------|-------|------|------|------|------|---------|----------------|
| <b>11462</b> | Red    | 22-16         | #6        | .146 | .339 | .311 | .996  | .433 | .157 | .067 | .030 | 100     | 1,000          |
|              | Red    | 22-16         | #8        | .169 |      |      |       |      |      |      |      |         |                |
|              | Red    | 22-16         | #10       | .209 |      |      |       |      |      |      |      |         |                |
| <b>11464</b> | Blue   | 16-14         | #6        | .146 | .339 | .311 | .996  | .433 | .177 | .091 | .031 | 100     | 1,000          |
|              | Blue   | 16-14         | #8        | .169 |      |      |       |      |      |      |      |         |                |
|              | Blue   | 16-14         | #10       | .209 |      |      |       |      |      |      |      |         |                |
| <b>11466</b> | Yellow | 12-10         | #6        | .146 | .390 | .350 | 1.154 | .512 | .252 | .134 | .039 | 100     | 1,000          |
|              | Yellow | 12-10         | #8        | .169 |      |      |       |      |      |      |      |         |                |
|              | Yellow | 12-10         | #10       | .209 |      |      |       |      |      |      |      |         |                |

### Vinyl Insulated Ring Terminals



MAXIMUM ELECTRIC CURRENT:

|     |    |    |    |    |    |    |    |
|-----|----|----|----|----|----|----|----|
| Awg | 22 | 20 | 18 | 16 | 14 | 12 | 10 |
| Amp | 9  | 12 | 17 | 18 | 30 | 35 | 50 |

**MAXIMUM ELECTRIC RATING:** 167°F (75°C) 600 Volts

**INSULATION MATERIAL:** Vinyl

**TERMINAL MATERIAL:** Electro-Tin Plated Copper

**FEATURES:** Serrated Barrel, Expanded Insulation

| Cat. No. | Color  | Wire Size AWG | Stud Size | d2   | W     | F    | L     | E    | D    | d1   | T    | Bag Qty | Master Bag Qty |
|----------|--------|---------------|-----------|------|-------|------|-------|------|------|------|------|---------|----------------|
| 10010    | Red    | 22-16         | #4        | .126 | .217  | .197 | .736  | .441 | .157 | .067 | .031 | 100     | 1,000          |
| 10012    | Red    | 22-16         | #6        | .146 | .260  | .248 | .811  | .441 | .157 | .067 | .031 | 100     | 1,000          |
| 10014    | Red    | 22-16         | #8        | .169 | .315  | .276 | .866  | .441 | .157 | .067 | .031 | 100     | 1,000          |
| 10016    | Red    | 22-16         | #10       | .209 | .315  | .276 | .866  | .441 | .157 | .067 | .031 | 100     | 1,000          |
| 10018    | Red    | 22-16         | 1/4       | .252 | .457  | .433 | 1.102 | .441 | .157 | .067 | .031 | 100     | 1,000          |
| 10020    | Red    | 22-16         | 5/16      | .331 | .457  | .433 | 1.102 | .441 | .157 | .067 | .031 | 100     | 1,000          |
| 10022    | Red    | 22-16         | 3/8       | .413 | .535  | .547 | 1.248 | .441 | .157 | .067 | .031 | 100     | 1,000          |
| 10023    | Red    | 22-16         | 1/2       | .512 | .772  | .630 | 1.441 | .441 | .157 | .067 | .031 | 100     | 1,000          |
| 10024    | Red    | 22-16         | 9/16      | .591 | 1.063 | .827 | 1.791 | .441 | .157 | .067 | .031 | 100     | 1,000          |
| 10026    | Red    | 22-16         | 5/8       | .669 | 1.063 | .827 | 1.791 | .441 | .157 | .067 | .031 | 100     | 1,000          |
| 10028    | Red    | 22-16         | 3/4       | .827 | 1.063 | .827 | 1.791 | .441 | .157 | .067 | .031 | 100     | 1,000          |
| 10030    | Blue   | 16-14         | #4        | .126 | .260  | .189 | .760  | .453 | .177 | .091 | .031 | 100     | 1,000          |
| 10032    | Blue   | 16-14         | #6        | .146 | .260  | .248 | .823  | .453 | .177 | .091 | .031 | 100     | 1,000          |
| 10034    | Blue   | 16-14         | #8        | .169 | .335  | .307 | .917  | .453 | .177 | .091 | .031 | 100     | 1,000          |
| 10036    | Blue   | 16-14         | #10       | .209 | .335  | .307 | .917  | .453 | .177 | .091 | .031 | 100     | 1,000          |
| 10038    | Blue   | 16-14         | 1/4       | .252 | .472  | .433 | 1.114 | .453 | .177 | .091 | .031 | 100     | 1,000          |
| 10040    | Blue   | 16-14         | 5/16      | .331 | .472  | .433 | 1.114 | .453 | .177 | .091 | .031 | 100     | 1,000          |
| 10042    | Blue   | 16-14         | 3/8       | .413 | .535  | .547 | 1.260 | .453 | .177 | .091 | .031 | 100     | 1,000          |
| 10044    | Blue   | 16-14         | 1/2       | .512 | .756  | .630 | 1.453 | .453 | .177 | .091 | .031 | 100     | 1,000          |
| 10046    | Blue   | 16-14         | 9/16      | .591 | 1.063 | .827 | 1.803 | .453 | .177 | .091 | .031 | 100     | 1,000          |
| 10048    | Blue   | 16-14         | 5/8       | .669 | 1.063 | .827 | 1.803 | .453 | .177 | .091 | .031 | 100     | 1,000          |
| 10050    | Blue   | 16-14         | 3/4       | .827 | 1.063 | .827 | 1.803 | .453 | .177 | .091 | .031 | 100     | 1,000          |
| 10060    | Yellow | 12-10         | #6        | .146 | .283  | .240 | .937  | .555 | .248 | .134 | .039 | 100     | 1,000          |
| 10062    | Yellow | 12-10         | #8        | .169 | .283  | .240 | .937  | .555 | .248 | .134 | .039 | 100     | 1,000          |
| 10064    | Yellow | 12-10         | #10       | .209 | .374  | .327 | 1.024 | .555 | .248 | .134 | .039 | 100     | 1,000          |
| 10066    | Yellow | 12-10         | 1/4       | .252 | .472  | .413 | 1.205 | .555 | .248 | .134 | .039 | 100     | 1,000          |
| 10068    | Yellow | 12-10         | 5/16      | .331 | .591  | .524 | 1.382 | .555 | .248 | .134 | .039 | 100     | 1,000          |
| 10070    | Yellow | 12-10         | 3/8       | .413 | .591  | .524 | 1.382 | .555 | .248 | .134 | .039 | 100     | 1,000          |
| 10072    | Yellow | 12-10         | 1/2       | .512 | .756  | .630 | 1.563 | .555 | .248 | .134 | .039 | 100     | 1,000          |
| 10074    | Yellow | 12-10         | 9/16      | .591 | 1.260 | .992 | 2.177 | .555 | .248 | .134 | .039 | 100     | 1,000          |
| 10076    | Yellow | 12-10         | 5/8       | .669 | 1.260 | .992 | 2.177 | .555 | .248 | .134 | .039 | 100     | 1,000          |
| 10078    | Yellow | 12-10         | 3/4       | .827 | 1.260 | .992 | 2.177 | .555 | .248 | .134 | .039 | 100     | 1,000          |

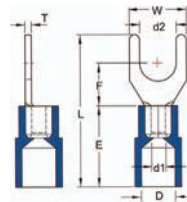
Dimensions = Inches

# Nylon Insulated Spade Terminals

MAXIMUM ELECTRIC CURRENT:

|     |    |    |    |    |    |    |    |    |    |
|-----|----|----|----|----|----|----|----|----|----|
| Awg | 22 | 20 | 18 | 16 | 14 | 12 | 10 | 8  | 6  |
| Amp | 9  | 12 | 17 | 18 | 30 | 35 | 50 | 70 | 95 |

**MAXIMUM ELECTRIC RATING:** 221°F (105°C) 600 Volts  
**INSULATION MATERIAL:** Nylon  
**TERMINAL MATERIAL:** Electro-Tin Plated Copper - Brazed Seam  
**FEATURES:** Serrated Barrel, Expanded Insulation



Dimensions = Inches

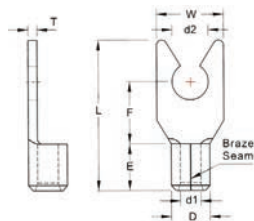
| Cat. No. | Color  | Wire Size AWG | Stud Size | d2   | W    | F    | L     | E    | D    | d1   | T    | Bag Qty | Master Bag Qty |
|----------|--------|---------------|-----------|------|------|------|-------|------|------|------|------|---------|----------------|
| 11612    | Red    | 22-16         | #4        | .126 | .224 | .256 | .866  | .433 | .157 | .067 | .030 | 100     | 1,000          |
| 11614    | Red    | 22-16         | #6        | .146 | .252 | .256 | .866  | .433 | .157 | .067 | .030 | 100     | 1,000          |
| 11616    | Red    | 22-16         | #8        | .169 | .319 | .256 | .866  | .433 | .157 | .067 | .030 | 100     | 1,000          |
| 11618    | Red    | 22-16         | #10       | .209 | .319 | .256 | .866  | .433 | .157 | .067 | .030 | 100     | 1,000          |
| 11620    | Red    | 22-16         | 1/4       | .252 | .472 | .433 | 1.102 | .433 | .157 | .067 | .030 | 100     | 1,000          |
| 11622    | Blue   | 16-14         | #4        | .126 | .224 | .256 | .866  | .433 | .177 | .091 | .031 | 100     | 1,000          |
| 11624    | Blue   | 16-14         | #6        | .146 | .283 | .256 | .866  | .433 | .177 | .091 | .031 | 100     | 1,000          |
| 11626    | Blue   | 16-14         | #8        | .169 | .311 | .256 | .866  | .433 | .177 | .091 | .031 | 100     | 1,000          |
| 11628    | Blue   | 16-14         | #10       | .209 | .366 | .256 | .866  | .433 | .177 | .091 | .031 | 100     | 1,000          |
| 11630    | Blue   | 16-14         | 1/4       | .252 | .472 | .433 | 1.102 | .433 | .177 | .091 | .031 | 100     | 1,000          |
| 11632    | Yellow | 12-10         | #6        | .146 | .327 | .276 | 1.004 | .512 | .252 | .134 | .039 | 100     | 1,000          |
| 11634    | Yellow | 12-10         | #8        | .169 | .327 | .276 | 1.004 | .512 | .252 | .134 | .039 | 100     | 1,000          |
| 11636    | Yellow | 12-10         | #10       | .209 | .354 | .276 | 1.004 | .512 | .252 | .134 | .039 | 100     | 1,000          |
| 11638    | Yellow | 12-10         | 1/4       | .252 | .472 | .472 | 1.240 | .512 | .252 | .134 | .039 | 100     | 1,000          |
| 11640    | Yellow | 12-10         | 5/16      | .331 | .551 | .413 | 1.201 | .512 | .252 | .134 | .039 | 100     | 1,000          |
| 11642    | Red    | 8             | #10       | .209 | .413 | .319 | 1.114 | .630 | .315 | .177 | .047 | 100     | -              |
| 11644    | Red    | 8             | 1/4       | .252 | .425 | .339 | 1.181 | .630 | .315 | .177 | .047 | 100     | -              |
| 11646    | Blue   | 6             | 1/4       | .252 | .433 | .421 | 1.437 | .846 | .433 | .228 | .059 | 100     | -              |
| 11648    | Blue   | 6             | 5/16      | .331 | .543 | .421 | 1.555 | .846 | .433 | .228 | .059 | 100     | -              |

# Non-Insulated Locking Spade Terminals

MAXIMUM ELECTRIC CURRENT:

|     |    |    |    |    |    |    |    |    |    |
|-----|----|----|----|----|----|----|----|----|----|
| Awg | 22 | 20 | 18 | 16 | 14 | 12 | 10 | 8  | 6  |
| Amp | 9  | 12 | 17 | 18 | 30 | 35 | 50 | 70 | 95 |

302°F(150°C) 600V  
 Electro-Tin Plated Copper - Brazed Seam  
 Serrated Barrel

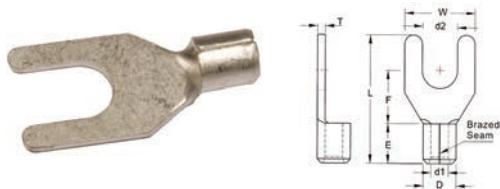


Dimensions = Inches

| Cat. No. | Wire Size AWG | Stud Size | d2   | W    | F    | L    | E    | D    | d1   | T    | Bag Qty | Master Bag Qty |
|----------|---------------|-----------|------|------|------|------|------|------|------|------|---------|----------------|
| 11662    | 22-16         | #6        | .146 | .252 | .256 | .630 | .189 | .134 | .067 | .030 | 100     | 1,000          |
| 11664    | 22-16         | #8        | .169 | .319 | .256 | .630 | .189 | .134 | .067 | .030 | 100     | 1,000          |
| 11666    | 22-16         | #10       | .209 | .319 | .256 | .630 | .189 | .134 | .067 | .030 | 100     | 1,000          |
| 11668    | 16-14         | #6        | .146 | .236 | .256 | .630 | .189 | .161 | .091 | .031 | 100     | 1,000          |
| 11670    | 16-14         | #8        | .169 | .319 | .256 | .630 | .189 | .161 | .091 | .031 | 100     | 1,000          |
| 11672    | 16-14         | #10       | .209 | .366 | .256 | .630 | .189 | .161 | .091 | .031 | 100     | 1,000          |
| 11674    | 12-10         | #6        | .146 | .327 | .276 | .717 | .236 | .220 | .134 | .039 | 100     | 1,000          |
| 11676    | 12-10         | #8        | .169 | .327 | .276 | .717 | .236 | .220 | .134 | .039 | 100     | 1,000          |
| 11678    | 12-10         | #10       | .209 | .354 | .276 | .717 | .236 | .220 | .134 | .039 | 100     | 1,000          |
| 11680    | 12-10         | 1/4       | .252 | .472 | .472 | .965 | .236 | .220 | .134 | .039 | 100     | 1,000          |



### Non-Insulated Spade Terminals - Non-Terminals



MAXIMUM ELECTRIC CURRENT:

|     |    |    |    |    |    |    |    |    |    |
|-----|----|----|----|----|----|----|----|----|----|
| Awg | 22 | 20 | 18 | 16 | 14 | 12 | 10 | 8  | 6  |
| Amp | 9  | 12 | 17 | 18 | 30 | 35 | 50 | 70 | 95 |

MAXIMUM ELECTRIC RATING: 302°F (150°C) 600V

TERMINAL MATERIAL: Electro-Tin Plated Copper - Brazed Seam

FEATURES: Serrated Barrel

Dimensions = Inches

| Cat. No. | Wire Size AWG | Stud Size | d2   | W    | F    | L     | E    | D    | d1   | T    | Bag Qty | Master Bag Qty |
|----------|---------------|-----------|------|------|------|-------|------|------|------|------|---------|----------------|
| 11512    | 22-16         | #4        | .126 | .323 | .256 | .630  | .189 | .134 | .067 | .030 | 100     | 1,000          |
| 11514    | 22-16         | #6        | .146 | .252 | .256 | .630  | .189 | .134 | .067 | .030 | 100     | 1,000          |
| 11516    | 22-16         | #8        | .169 | .319 | .256 | .630  | .189 | .134 | .067 | .030 | 100     | 1,000          |
| 11518    | 22-16         | #10       | .209 | .319 | .256 | .630  | .189 | .134 | .067 | .030 | 100     | 1,000          |
| 11520    | 22-16         | 1/4       | .252 | .472 | .433 | .866  | .189 | .134 | .067 | .030 | 100     | 1,000          |
| 11522    | 16-14         | #4        | .126 | .224 | .256 | .630  | .189 | .161 | .091 | .031 | 100     | 1,000          |
| 11524    | 16-14         | #6        | .146 | .283 | .256 | .630  | .189 | .161 | .091 | .031 | 100     | 1,000          |
| 11526    | 16-14         | #8        | .169 | .319 | .256 | .630  | .189 | .161 | .091 | .031 | 100     | 1,000          |
| 11528    | 16-14         | #10       | .209 | .366 | .256 | .630  | .189 | .161 | .091 | .031 | 100     | 1,000          |
| 11530    | 16-14         | 1/4       | .252 | .472 | .433 | .866  | .189 | .161 | .091 | .031 | 100     | 1,000          |
| 11532    | 12-10         | #6        | .146 | .327 | .276 | .728  | .236 | .220 | .134 | .039 | 100     | 1,000          |
| 11534    | 12-10         | #8        | .169 | .354 | .276 | .728  | .236 | .220 | .134 | .039 | 100     | 1,000          |
| 11536    | 12-10         | #10       | .209 | .354 | .276 | .728  | .236 | .220 | .134 | .039 | 100     | 1,000          |
| 11538    | 12-10         | 1/4       | .252 | .472 | .472 | .965  | .236 | .220 | .134 | .039 | 100     | 1,000          |
| 11540    | 12-10         | 5/16      | .331 | .551 | .413 | .925  | .236 | .220 | .134 | .039 | 100     | 1,000          |
| 11542    | 8             | #10       | .209 | .413 | .319 | .819  | .335 | .283 | .177 | .047 | 100     | -              |
| 11544    | 8             | 1/4       | .252 | .425 | .339 | .886  | .335 | .283 | .177 | .047 | 100     | -              |
| 11546    | 6             | 1/4       | .252 | .433 | .421 | 1.004 | .413 | .354 | .228 | .059 | 100     | -              |
| 11548    | 6             | 5/16      | .331 | .543 | .421 | 1.122 | .413 | .354 | .228 | .059 | 100     | -              |

### Vinyl Insulated Spade Terminals



MAXIMUM ELECTRIC CURRENT:

|     |    |    |    |    |    |    |    |
|-----|----|----|----|----|----|----|----|
| Awg | 22 | 20 | 18 | 16 | 14 | 12 | 10 |
| Amp | 9  | 12 | 17 | 18 | 30 | 35 | 50 |

MAXIMUM ELECTRIC RATING: 167°F (75°C) 600 Volts

INSULATION MATERIAL: Vinyl

TERMINAL MATERIAL: Electro-Tin Plated Copper

FEATURES: Serrated Barrel, Expanded Insulation

Dimensions = Inches

| Cat. No. | Color  | Wire Size AWG | Stud Size | d2   | W    | F    | L     | E    | D    | d1   | T    | Bag Qty | Master Box Qty |
|----------|--------|---------------|-----------|------|------|------|-------|------|------|------|------|---------|----------------|
| 10110    | Red    | 22-16         | #4        | .126 | .224 | .256 | .874  | .441 | .157 | .067 | .030 | 100     | 1,000          |
| 10112    | Red    | 22-16         | #6        | .146 | .252 | .256 | .874  | .441 | .157 | .067 | .030 | 100     | 1,000          |
| 10114    | Red    | 22-16         | #8        | .169 | .319 | .256 | .874  | .441 | .157 | .067 | .030 | 100     | 1,000          |
| 10116    | Red    | 22-16         | #10       | .209 | .319 | .256 | .874  | .441 | .157 | .067 | .030 | 100     | 1,000          |
| 10118    | Red    | 22-16         | 1/4       | .252 | .472 | .433 | 1.110 | .441 | .157 | .067 | .030 | 100     | 1,000          |
| 10120    | Blue   | 16-14         | #4        | .126 | .224 | .256 | .886  | .453 | .177 | .091 | .031 | 100     | 1,000          |
| 10132    | Blue   | 16-14         | #6        | .146 | .283 | .256 | .886  | .453 | .177 | .091 | .031 | 100     | 1,000          |
| 10134    | Blue   | 16-14         | #8        | .169 | .311 | .256 | .886  | .453 | .177 | .091 | .031 | 100     | 1,000          |
| 10136    | Blue   | 16-14         | #10       | .209 | .366 | .256 | .886  | .453 | .177 | .091 | .031 | 100     | 1,000          |
| 10138    | Blue   | 16-14         | 1/4       | .252 | .472 | .433 | 1.122 | .453 | .177 | .091 | .031 | 100     | 1,000          |
| 10140    | Yellow | 12-10         | #6        | .146 | .327 | .276 | 1.047 | .555 | .248 | .134 | .039 | 100     | 1,000          |
| 10162    | Yellow | 12-10         | #8        | .169 | .354 | .276 | 1.047 | .555 | .248 | .134 | .039 | 100     | 1,000          |
| 10164    | Yellow | 12-10         | #10       | .209 | .354 | .276 | 1.047 | .555 | .248 | .134 | .039 | 100     | 1,000          |
| 10166    | Yellow | 12-10         | 1/4       | .252 | .472 | .472 | 1.283 | .555 | .248 | .134 | .039 | 100     | 1,000          |
| 10168    | Yellow | 12-10         | 5/16      | .331 | .551 | .413 | 1.244 | .555 | .248 | .134 | .039 | 100     | 1,000          |

# Non-Insulated Flange Spade Terminals

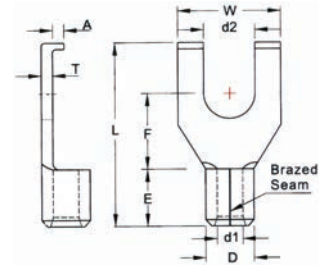
MAXIMUM ELECTRIC CURRENT:

|     |    |    |    |    |    |    |    |
|-----|----|----|----|----|----|----|----|
| Awg | 22 | 20 | 18 | 16 | 14 | 12 | 10 |
| Amp | 9  | 12 | 17 | 18 | 30 | 35 | 50 |

**MAXIMUM ELECTRIC RATING:** 302°F (150°C) 600V

**TERMINAL MATERIAL:** Electro-Tin Plated Copper

**FEATURES:** Brazed Seam, Serrated Barrel



Dimensions = Inches

| Cat. No. | Wire Size AWG | Stud Size | d2   | W    | F    | L    | E    | D    | d1   | A    | T    | Bag Qty | Master Bag Qty |
|----------|---------------|-----------|------|------|------|------|------|------|------|------|------|---------|----------------|
| 11761    | 22-16         | #2        | .087 | .252 | .205 | .551 | .189 | .134 | .067 | .059 | .030 | 100     | 1,000          |
| 11742    | 22-16         | #4        | .126 | .252 | .201 | .551 | .189 | .134 | .067 | .059 | .030 | 100     | 1,000          |
| 11744    | 22-16         | #6        | .146 | .252 | .201 | .551 | .189 | .134 | .067 | .059 | .030 | 100     | 1,000          |
| 11746    | 22-16         | #8        | .169 | .335 | .283 | .768 | .189 | .134 | .067 | .059 | .030 | 100     | 1,000          |
| 11748    | 22-16         | #10       | .209 | .295 | .201 | .551 | .189 | .134 | .091 | .059 | .030 | 100     | 1,000          |
| 11750    | 16-14         | #6        | .146 | .295 | .205 | .571 | .189 | .161 | .091 | .059 | .031 | 100     | 1,000          |
| 11752    | 16-14         | #8        | .169 | .315 | .266 | .728 | .189 | .161 | .091 | .059 | .031 | 100     | 1,000          |
| 11754    | 16-14         | #10       | .209 | .335 | .283 | .709 | .189 | .161 | .134 | .059 | .031 | 100     | 1,000          |
| 11756    | 12-10         | #6        | .146 | .299 | .244 | .728 | .236 | .220 | .134 | .059 | .039 | 100     | 1,000          |
| 11758    | 12-10         | #8        | .169 | .335 | .295 | .787 | .236 | .220 | .134 | .059 | .039 | 100     | 1,000          |
| 11760    | 12-10         | #10       | .209 | .299 | .244 | .728 | .236 | .220 | .134 | .059 | .039 | 100     | 1,000          |

# Vinyl Insulated Flange Spade Terminals



MAXIMUM ELECTRIC CURRENT:

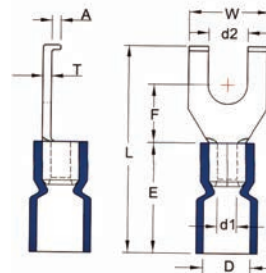
|     |    |    |    |    |    |    |    |
|-----|----|----|----|----|----|----|----|
| Awg | 22 | 20 | 18 | 16 | 14 | 12 | 10 |
| Amp | 9  | 12 | 17 | 18 | 30 | 35 | 50 |

**MAXIMUM ELECTRIC RATING:** 167°F (75°C) 600V

**INSULATION MATERIAL:** Vinyl

**TERMINAL MATERIAL:** Electro-Tin Plated Copper

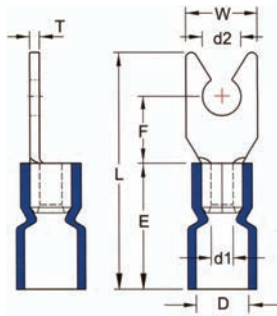
**FEATURES:** Serrated Barrel, Expanded Insulation



Dimensions = Inches

| Cat. No. | Color  | Wire Size AWG | Stud Size | d2   | W    | F    | L     | E    | D    | d1   | A    | T    | Bag Qty | Master Bag Qty |
|----------|--------|---------------|-----------|------|------|------|-------|------|------|------|------|------|---------|----------------|
| 11762    | Red    | 22-16         | #4        | .126 | .252 | .201 | .795  | .441 | .157 | .067 | .059 | .030 | 100     | 1,000          |
| 11764    | Red    | 22-16         | #6        | .146 | .252 | .201 | .795  | .441 | .157 | .067 | .059 | .030 | 100     | 1,000          |
| 11766    | Red    | 22-16         | #8        | .169 | .335 | .283 | 1.012 | .441 | .157 | .067 | .059 | .030 | 100     | 1,000          |
| 11768    | Red    | 22-16         | #10       | .209 | .295 | .201 | .795  | .441 | .157 | .067 | .059 | .030 | 100     | 1,000          |
| 11770    | Blue   | 16-14         | #6        | .146 | .295 | .205 | .827  | .453 | .177 | .091 | .059 | .031 | 100     | 1,000          |
| 11772    | Blue   | 16-14         | #8        | .169 | .315 | .266 | .728  | .453 | .177 | .091 | .059 | .031 | 100     | 1,000          |
| 11774    | Blue   | 16-14         | #10       | .209 | .335 | .283 | .965  | .453 | .177 | .091 | .059 | .031 | 100     | 1,000          |
| 11776    | Yellow | 12-10         | #6        | .146 | .299 | .244 | 1.047 | .555 | .248 | .134 | .059 | .039 | 100     | 1,000          |
| 11778    | Yellow | 12-10         | #8        | .169 | .335 | .295 | 1.106 | .555 | .248 | .134 | .059 | .039 | 100     | 1,000          |
| 11780    | Yellow | 12-10         | #10       | .209 | .299 | .244 | 1.047 | .555 | .248 | .134 | .059 | .039 | 100     | 1,000          |

### Vinyl Insulated Locking Spade Terminals



Dimensions = Inches



MAXIMUM ELECTRIC CURRENT:

|     |    |    |    |    |    |    |    |
|-----|----|----|----|----|----|----|----|
| Awg | 22 | 20 | 18 | 16 | 14 | 12 | 10 |
| Amp | 9  | 12 | 17 | 18 | 30 | 35 | 50 |

MAXIMUM ELECTRIC RATING: 167°F (75°C) 600 Volts

INSULATION MATERIAL: Vinyl

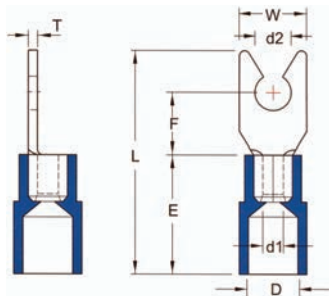
TERMINAL MATERIAL: Electro-Tin Plated Copper

FEATURES: Serrated Barrel, Expanded Insulation



| Cat. No. | Color  | Wire Size AWG | Stud Size | d2   | W    | F    | L     | E    | D    | d1   | T    | Bag Qty | Master Bag Qty |
|----------|--------|---------------|-----------|------|------|------|-------|------|------|------|------|---------|----------------|
| 11702    | Red    | 22-16         | #6        | .146 | .252 | .256 | .874  | .874 | .134 | .067 | .030 | 100     | 1,000          |
| 11704    | Red    | 22-16         | #8        | .169 | .319 | .256 | .874  | .874 | .134 | .067 | .030 | 100     | 1,000          |
| 11706    | Red    | 22-16         | #10       | .209 | .319 | .256 | .874  | .874 | .134 | .067 | .030 | 100     | 1,000          |
| 11708    | Blue   | 16-14         | #6        | .146 | .236 | .256 | .886  | .453 | .161 | .091 | .031 | 100     | 1,000          |
| 11710    | Blue   | 16-14         | #8        | .169 | .319 | .256 | .886  | .453 | .161 | .091 | .031 | 100     | 1,000          |
| 11712    | Blue   | 16-14         | #10       | .209 | .366 | .256 | .886  | .453 | .161 | .091 | .031 | 100     | 1,000          |
| 11714    | Yellow | 12-10         | #6        | .146 | .327 | .276 | 1.035 | .555 | .248 | .134 | .039 | 100     | 1,000          |
| 11716    | Yellow | 12-10         | #8        | .169 | .327 | .276 | 1.035 | .555 | .248 | .134 | .039 | 100     | 1,000          |
| 11718    | Yellow | 12-10         | #10       | .209 | .354 | .276 | 1.035 | .555 | .248 | .134 | .039 | 100     | 1,000          |
| 11720    | Yellow | 12-10         | 1/4       | .252 | .472 | .472 | 1.283 | .555 | .248 | .134 | .039 | 100     | 1,000          |

### Nylon Insulated Locking Spade Terminals



Dimensions = Inches



MAXIMUM ELECTRIC CURRENT:

|     |    |    |    |    |    |    |    |
|-----|----|----|----|----|----|----|----|
| Awg | 22 | 20 | 18 | 16 | 14 | 12 | 10 |
| Amp | 9  | 12 | 17 | 18 | 30 | 35 | 50 |

MAXIMUM ELECTRIC RATING: 221°F (105°C) 600 Volts

INSULATION MATERIAL: Nylon

TERMINAL MATERIAL: Electro-Tin Plated Copper - Brazed Seam

FEATURES: Serrated Barrel, Expanded Insulation



| Cat. No. | Color  | Wire Size AWG | Stud Size | d2   | W    | F    | L     | E    | D    | d1   | T    | Bag Qty | Master Bag Qty |
|----------|--------|---------------|-----------|------|------|------|-------|------|------|------|------|---------|----------------|
| 11722    | Red    | 22-16         | #6        | .146 | .252 | .256 | .866  | .433 | .134 | .067 | .030 | 100     | 1,000          |
| 11724    | Red    | 22-16         | #8        | .169 | .319 | .256 | .866  | .433 | .134 | .067 | .030 | 100     | 1,000          |
| 11726    | Red    | 22-16         | #10       | .209 | .319 | .256 | .866  | .433 | .134 | .067 | .030 | 100     | 1,000          |
| 11728    | Blue   | 16-14         | #6        | .146 | .236 | .256 | .866  | .433 | .161 | .091 | .031 | 100     | 1,000          |
| 11730    | Blue   | 16-14         | #8        | .169 | .319 | .256 | .866  | .433 | .161 | .091 | .031 | 100     | 1,000          |
| 11732    | Blue   | 16-14         | #10       | .209 | .366 | .256 | .866  | .433 | .161 | .091 | .031 | 100     | 1,000          |
| 11734    | Yellow | 12-10         | #6        | .146 | .327 | .276 | .992  | .512 | .252 | .134 | .039 | 100     | 1,000          |
| 11736    | Yellow | 12-10         | #8        | .169 | .327 | .276 | .992  | .512 | .252 | .134 | .039 | 100     | 1,000          |
| 11738    | Yellow | 12-10         | #10       | .209 | .354 | .276 | .992  | .512 | .252 | .134 | .039 | 100     | 1,000          |
| 11740    | Yellow | 12-10         | 1/4       | .252 | .472 | .472 | 1.240 | .512 | .252 | .134 | .039 | 100     | 1,000          |

# Nylon Insulated Pin Terminals



MAXIMUM ELECTRIC CURRENT:

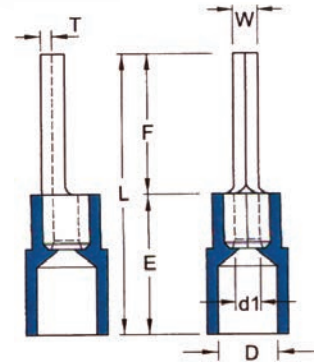
|     |    |    |    |    |    |    |    |
|-----|----|----|----|----|----|----|----|
| Awg | 22 | 20 | 18 | 16 | 14 | 12 | 10 |
| Amp | 9  | 12 | 17 | 18 | 30 | 35 | 50 |

**MAXIMUM ELECTRIC RATING:** 221°F (105°C) 600 Volts

**INSULATION MATERIAL:** Nylon

**TERMINAL MATERIAL:** Electro-Tin Plated Copper - Brazed Seam

**FEATURES:** Serrated Barrel, Expanded Insulation



Dimensions = Inches

| Cat. No.     | Color  | Wire Size AWG | W    | F    | L     | E    | D    | d1   | T    | Bag Qty | Master Bag Qty |
|--------------|--------|---------------|------|------|-------|------|------|------|------|---------|----------------|
| <b>11832</b> | Red    | 22-16         | .075 | .472 | .898  | .433 | .157 | .067 | .030 | 100     | 1,000          |
| <b>11834</b> | Blue   | 16-14         | .075 | .472 | .898  | .433 | .177 | .091 | .031 | 100     | 1,000          |
| <b>11836</b> | Yellow | 12-10         | .110 | .551 | 1.063 | .512 | .252 | .134 | .039 | 100     | 1,000          |

# Nylon Insulated Blade Terminals



MAXIMUM ELECTRIC CURRENT:

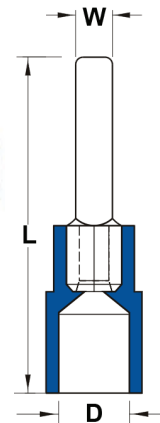
|     |     |    |    |    |    |    |    |    |
|-----|-----|----|----|----|----|----|----|----|
| Awg | 26  | 24 | 22 | 18 | 16 | 14 | 12 | 10 |
| Amp | 5.5 | 7  | 9  | 17 | 18 | 30 | 35 | 50 |

**MAXIMUM ELECTRIC RATING:** 221°F (105°C) 600 Volts

**INSULATION MATERIAL:** Nylon

**TERMINAL MATERIAL:** Electro-Tin Plated Copper - Brazed Seam

**FEATURES:** Serrated Barrel, Expanded Insulation

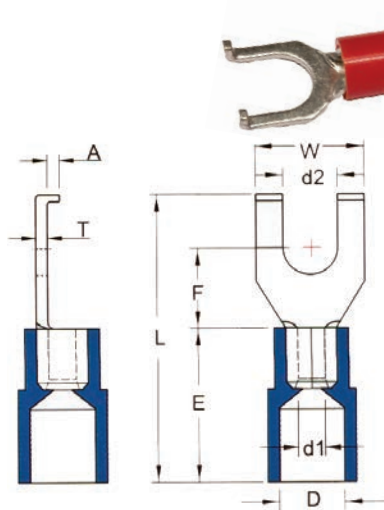


Dimensions = Inches

| Cat. No.     | Color  | Wire Size AWG | Tab Dim.    | L    | D    | W    | Bag Qty | Master Bag Qty |
|--------------|--------|---------------|-------------|------|------|------|---------|----------------|
| <b>11842</b> | Red    | 22-16         | .118 x .030 | .858 | .157 | .118 | 100     | 1,000          |
| <b>11844</b> | Blue   | 16-14         | .118 x .031 | .937 | .177 | .118 | 100     | 1,000          |
| <b>11846</b> | Yellow | 12-10         | .110 x .039 | .906 | .252 | .110 | 100     | 1,000          |



### Nylon Insulated Flange Spade Terminals



MAXIMUM ELECTRIC CURRENT:

|     |    |    |    |    |    |    |    |
|-----|----|----|----|----|----|----|----|
| Awg | 22 | 20 | 18 | 16 | 14 | 12 | 10 |
| Amp | 9  | 12 | 17 | 18 | 30 | 35 | 50 |

MAXIMUM ELECTRIC RATING: 221°F (105°C) 600 Volts

INSULATION MATERIAL: Nylon

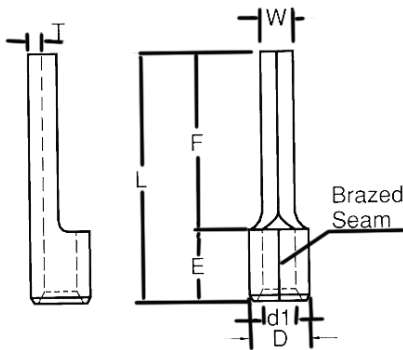
TERMINAL MATERIAL: Electro-Tin Plated Copper - Brazed Seam

FEATURES: Serrated Barrel, Expanded Insulation

Dimensions = Inches

| Cat. No. | Color  | Wire Size AWG | Stud Size | d2   | W    | F    | L     | E    | D    | d1   | A    | T    | Bag Qty | Master Bag Qty |
|----------|--------|---------------|-----------|------|------|------|-------|------|------|------|------|------|---------|----------------|
| 11802    | Red    | 22-16         | #4        | .126 | .252 | .201 | .787  | .443 | .157 | .067 | .059 | .030 | 100     | 1,000          |
| 11804    | Red    | 22-16         | #6        | .146 | .252 | .201 | .787  | .443 | .157 | .067 | .059 | .030 | 100     | 1,000          |
| 11806    | Red    | 22-16         | #8        | .169 | .335 | .283 | 1.004 | .443 | .157 | .067 | .059 | .030 | 100     | 1,000          |
| 11808    | Red    | 22-16         | #10       | .209 | .295 | .201 | .787  | .443 | .157 | .067 | .059 | .030 | 100     | 1,000          |
| 11810    | Blue   | 16-14         | #6        | .146 | .295 | .205 | .807  | .443 | .177 | .091 | .059 | .031 | 100     | 1,000          |
| 11812    | Blue   | 16-14         | #8        | .169 | .315 | .266 | .965  | .443 | .177 | .091 | .059 | .031 | 100     | 1,000          |
| 11814    | Blue   | 16-14         | #10       | .209 | .335 | .283 | .945  | .443 | .177 | .091 | .059 | .031 | 100     | 1,000          |
| 11816    | Yellow | 12-10         | #6        | .146 | .299 | .244 | 1.004 | .512 | .252 | .134 | .059 | .039 | 100     | 1,000          |
| 11818    | Yellow | 12-10         | #8        | .169 | .335 | .295 | 1.063 | .512 | .252 | .134 | .059 | .039 | 100     | 1,000          |
| 11820    | Yellow | 12-10         | #10       | .209 | .299 | .244 | 1.004 | .512 | .252 | .134 | .059 | .039 | 100     | 1,000          |

### Non-Insulated Pin Terminals



MAXIMUM ELECTRIC CURRENT:

|     |    |    |    |    |    |    |    |
|-----|----|----|----|----|----|----|----|
| Awg | 22 | 20 | 18 | 16 | 14 | 12 | 10 |
| Amp | 9  | 12 | 17 | 18 | 30 | 35 | 50 |

MAXIMUM ELECTRIC RATING: 302°F (150°C) 600 Volts

TERMINAL MATERIAL: Electro-Tin Plated Copper

FEATURES: Brazed Seam, Serrated Barrel

Dimensions = Inches

| Cat. No. | Wire Size AWG | W    | F    | L    | E    | D    | d1   | T    | Bag Qty | Master Bag Qty |
|----------|---------------|------|------|------|------|------|------|------|---------|----------------|
| 11822    | 22-16         | .075 | .472 | .661 | .189 | .134 | .067 | .030 | 100     | 1,000          |
| 11824    | 16-14         | .075 | .472 | .661 | .189 | .161 | .091 | .031 | 100     | 1,000          |
| 11826    | 12-10         | .110 | .551 | .787 | .236 | .220 | .134 | .039 | 100     | 1,000          |



# Vinyl Insulated Female Disconnects



MAXIMUM ELECTRIC CURRENT:

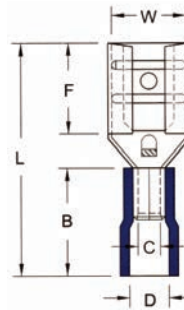
|     |    |    |    |    |    |    |    |
|-----|----|----|----|----|----|----|----|
| Awg | 22 | 20 | 18 | 16 | 14 | 12 | 10 |
| Amp | 3  | 4  | 7  | 10 | 15 | 20 | 24 |

**MAXIMUM ELECTRIC RATING:** 167°F (75°C) 300 Volts

**INSULATION MATERIAL:** Vinyl

**TERMINAL MATERIAL:** Electro-Tin Plated Brass

**FEATURES:** Serrated Barrel, Expanded Insulation



Dimensions = Inches

| Cat. No. | Color  | Wire Size AWG | NEMA TAB   | W    | F    | L    | B    | C    | D    | T    | Bag Qty | Master Bag Qty |
|----------|--------|---------------|------------|------|------|------|------|------|------|------|---------|----------------|
| 10308    | Red    | 22-16         | .020 X.110 | .126 | .256 | .732 | .394 | .067 | .157 | .012 | 100     | 1,000          |
| 10310    | Red    | 22-16         | .032 X.110 | .126 | .256 | .732 | .394 | .067 | .157 | .012 | 100     | 1,000          |
| 10312    | Red    | 22-16         | .020 X.187 | .197 | .252 | .748 | .394 | .067 | .157 | .014 | 100     | 1,000          |
| 10311    | Red    | 22-16         | .032 X.187 | .197 | .252 | .748 | .394 | .067 | .157 | .014 | 100     | 1,000          |
| 10313    | Red    | 22-16         | .020 X.205 | .224 | .260 | .728 | .394 | .067 | .157 | .014 | 100     | 1,000          |
| 10314    | Red    | 22-16         | .032 X.250 | .260 | .287 | .807 | .394 | .067 | .157 | .016 | 100     | 1,000          |
| 10316    | Blue   | 16-14         | .020 X.110 | .126 | .256 | .732 | .394 | .091 | .177 | .012 | 100     | 1,000          |
| 10318    | Blue   | 16-14         | .032 X.110 | .126 | .256 | .732 | .394 | .091 | .177 | .012 | 100     | 1,000          |
| 10322    | Blue   | 16-14         | .020 X.187 | .197 | .252 | .748 | .394 | .091 | .177 | .014 | 100     | 1,000          |
| 10323    | Blue   | 16-14         | .032 X.187 | .197 | .252 | .748 | .394 | .091 | .177 | .014 | 100     | 1,000          |
| 10325    | Blue   | 16-14         | .020 X.205 | .224 | .260 | .728 | .394 | .091 | .177 | .014 | 100     | 1,000          |
| 10324    | Blue   | 16-14         | .032 X.250 | .260 | .287 | .807 | .394 | .091 | .177 | .016 | 100     | 1,000          |
| 10328    | Yellow | 12-10         | .020 X.110 | .126 | .256 | .866 | .512 | .134 | .217 | .014 | 100     | 1,000          |
| 10329    | Yellow | 12-10         | .032 X.110 | .126 | .256 | .866 | .512 | .134 | .217 | .014 | 100     | 1,000          |
| 10330    | Yellow | 12-10         | .020 X.187 | .197 | .256 | .866 | .512 | .134 | .217 | .014 | 100     | 1,000          |
| 10331    | Yellow | 12-10         | .032 X.187 | .197 | .256 | .866 | .512 | .134 | .217 | .014 | 100     | 1,000          |
| 10332    | Yellow | 12-10         | .032 X.250 | .260 | .287 | .925 | .512 | .134 | .217 | .016 | 100     | 1,000          |

# Vinyl Insulated Male Disconnects



MAXIMUM ELECTRIC CURRENT:

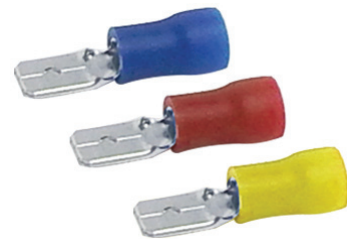
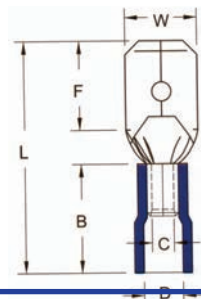
|     |    |    |    |    |    |    |    |
|-----|----|----|----|----|----|----|----|
| Awg | 22 | 20 | 18 | 16 | 14 | 12 | 10 |
| Amp | 3  | 4  | 7  | 10 | 15 | 20 | 24 |

**MAXIMUM ELECTRIC RATING:** 167°F (75°C) 300 Volts

**INSULATION MATERIAL:** Vinyl

**TERMINAL MATERIAL:** Electro-Tin Plated Brass

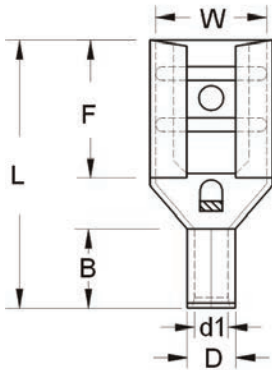
**FEATURES:** Serrated Barrel, Expanded Insulation



Dimensions = Inches

| Cat. No. | Color  | Wire Size AWG | NEMA TAB   | W    | F    | L    | B    | C    | D    | T    | Bag Qty | Master Bag Qty |
|----------|--------|---------------|------------|------|------|------|------|------|------|------|---------|----------------|
| 10208    | Red    | 22-16         | .020 X.110 | .110 | .256 | .728 | .394 | .067 | .157 | .020 | 100     | 1,000          |
| 10210    | Red    | 22-16         | .032 X.110 | .110 | .256 | .728 | .394 | .067 | .157 | .016 | 100     | 1,000          |
| 10212    | Red    | 22-16         | .020 X.187 | .189 | .256 | .748 | .394 | .067 | .157 | .020 | 100     | 1,000          |
| 10213    | Red    | 22-16         | .032 X.187 | .189 | .264 | .748 | .394 | .067 | .157 | .016 | 100     | 1,000          |
| 10214    | Red    | 22-16         | .032 X.250 | .250 | .303 | .827 | .394 | .067 | .157 | .016 | 100     | 1,000          |
| 10222    | Blue   | 16-14         | .020 X.187 | .189 | .256 | .748 | .394 | .091 | .177 | .020 | 100     | 1,000          |
| 10223    | Blue   | 16-14         | .032 X.187 | .189 | .264 | .748 | .394 | .091 | .177 | .016 | 100     | 1,000          |
| 10224    | Blue   | 16-14         | .032 X.250 | .250 | .303 | .827 | .394 | .091 | .177 | .016 | 100     | 1,000          |
| 10232    | Yellow | 12-10         | .032 X.250 | .250 | .303 | .945 | .512 | .134 | .217 | .016 | 100     | 1,000          |

## Non-Insulated Double Crimp Female Disconnects



MAXIMUM ELECTRIC CURRENT:

|     |    |    |    |    |    |    |    |
|-----|----|----|----|----|----|----|----|
| Awg | 22 | 20 | 18 | 16 | 14 | 12 | 10 |
| Amp | 3  | 4  | 7  | 10 | 15 | 20 | 24 |

**MAXIMUM ELECTRIC RATING:** 302°F (150°C) 600 Volts

**TERMINAL MATERIAL:** Electro-Tin Plated Brass - Brazed Seam

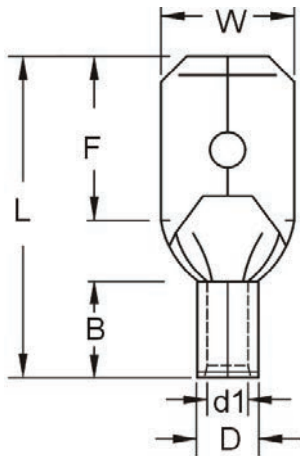
**DOUBLE CRIMP:** Extended Copper Sleeve for Multiple Crimps

**FEATURES:** Serrated Barrel

Dimensions = Inches

| Cat. No. | Wire Size AWG | NEMA TAB   | W    | F    | L    | B    | D    | d1   | Bag Qty | Master Bag Qty |
|----------|---------------|------------|------|------|------|------|------|------|---------|----------------|
| 10246    | 22-16         | .020 X.187 | .199 | .248 | .543 | .189 | .106 | .067 | 100     | 1,000          |
| 10245    | 22-16         | .032 X.187 | .199 | .248 | .543 | .189 | .106 | .067 | 100     | 1,000          |
| 10247    | 22-16         | .032 X.250 | .260 | .295 | .598 | .189 | .106 | .067 | 100     | 1,000          |
| 10249    | 16-14         | .020 X.187 | .199 | .248 | .543 | .189 | .130 | .091 | 100     | 1,000          |
| 10248    | 16-14         | .032 X.187 | .199 | .248 | .543 | .189 | .130 | .091 | 100     | 1,000          |
| 10250    | 16-14         | .032 X.250 | .260 | .295 | .598 | .189 | .130 | .091 | 100     | 1,000          |
| 10251    | 12-10         | .032 X.250 | .260 | .287 | .642 | .236 | .177 | .134 | 100     | 1,000          |

## Non-Insulated Double Crimp Male Disconnects



MAXIMUM ELECTRIC CURRENT:

|     |    |    |    |    |    |    |    |
|-----|----|----|----|----|----|----|----|
| Awg | 22 | 20 | 18 | 16 | 14 | 12 | 10 |
| Amp | 3  | 4  | 7  | 10 | 15 | 20 | 24 |

**MAXIMUM ELECTRIC RATING:** 302°F (150°C) 600 Volts

**TERMINAL MATERIAL:** Electro-Tin Plated Brass - Brazed Seam

**DOUBLE CRIMP:** Extended Copper Sleeve for Multiple Crimps

**FEATURES:** Serrated Barrel

Dimensions = Inches

| Cat. No. | Wire Size AWG | NEMA TAB   | W    | F    | L    | B    | D    | d1   | Bag Qty | Master Bag Qty |
|----------|---------------|------------|------|------|------|------|------|------|---------|----------------|
| 10242    | 22-16         | .032 X.250 | .250 | .299 | .646 | .197 | .106 | .067 | 100     | 1,000          |
| 10243    | 16-14         | .032 X.250 | .248 | .303 | .646 | .197 | .130 | .091 | 100     | 1,000          |
| 10244    | 12-10         | .032 X.250 | .250 | .303 | .669 | .236 | 1.77 | .134 | 100     | 1,000          |

# Nylon Fully Insulated Disconnects - Male & Female

MAXIMUM ELECTRIC CURRENT:

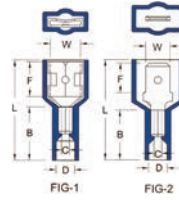
|     |    |    |    |    |    |    |    |
|-----|----|----|----|----|----|----|----|
| Awg | 22 | 20 | 18 | 16 | 14 | 12 | 10 |
| Amp | 3  | 4  | 7  | 10 | 15 | 20 | 24 |

**MAXIMUM ELECTRIC RATING:** 221°F (105°C) 300 Volts

**INSULATION MATERIAL:** Nylon

**TERMINAL MATERIAL:** Electro-Tin Plated Brass

**FEATURES:** Serrated Barrel, Expanded Insulation, Rectangular Housing Shape



| Cat No. | Type   | Color  | Wire Size | Tab Size    | W    | F    | L    | B    | C    | D    | T    | Bag Qty | Master bag Qty |
|---------|--------|--------|-----------|-------------|------|------|------|------|------|------|------|---------|----------------|
| 10411   | Female | Red    | 22-16     | .250 X .032 | .260 | .295 | .866 | .433 | .067 | .157 | .032 | 100     | 1,000          |
| 10412   | Female | Blue   | 16-14     | .250 X .032 | .260 | .295 | .866 | .433 | .091 | .177 | .032 | 100     | 1,000          |
| 10414   | Female | Yellow | 12-10     | .250 X .032 | .260 | .295 | .945 | .512 | .134 | .248 | .032 | 100     | 1,000          |
| 10415   | Male   | Red    | 22-16     | .250 X .032 | .250 | .303 | .906 | .433 | .067 | .157 | .032 | 100     | 1,000          |
| 10416   | Male   | Blue   | 16-14     | .250 X .032 | .250 | .303 | .945 | .433 | .091 | .177 | .032 | 100     | 1,000          |
| 10418   | Male   | Yellow | 12-10     | .250 X .032 | .250 | .303 | .984 | .512 | .134 | .248 | .032 | 100     | 1,000          |

Dimensions = Inches

# Nylon Fully Insulated Double Crimp Female Disconnects

MAXIMUM ELECTRIC CURRENT:

|     |    |    |    |    |    |    |    |
|-----|----|----|----|----|----|----|----|
| Awg | 22 | 20 | 18 | 16 | 14 | 12 | 10 |
| Amp | 3  | 4  | 7  | 10 | 15 | 20 | 24 |

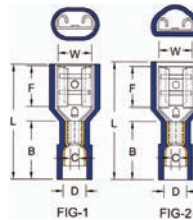
**MAXIMUM ELECTRIC RATING:** 221°F (105°C) 600 Volts

**INSULATION MATERIAL:** Nylon

**TERMINAL MATERIAL:** Electro-Tin Plated Brass

**DOUBLE CRIMP:** Extended Copper Sleeve for Multiple Crimps

**FEATURES:** Serrated Barrel, Expanded Insulation, Oval Housing Shape



Dimensions = Inches

| Cat. No. | Color  | Wire Size AWG | NEMA TAB   | W    | F    | L    | B    | C    | D    | T    | FIG. | Bag Qty | Master Bag Qty |
|----------|--------|---------------|------------|------|------|------|------|------|------|------|------|---------|----------------|
| 11962    | Red    | 22-16         | .020 X.110 | .126 | .256 | .768 | .433 | .067 | .157 | .012 | 1    | 100     | 1,000          |
| 11964    | Red    | 22-16         | .032 X.110 | .126 | .256 | .768 | .433 | .067 | .157 | .012 | 1    | 100     | 1,000          |
| 11966    | Red    | 22-16         | .020 X.187 | .197 | .252 | .795 | .433 | .067 | .157 | .014 | 2    | 100     | 1,000          |
| 11968    | Red    | 22-16         | .032 X.187 | .197 | .252 | .795 | .433 | .067 | .157 | .014 | 2    | 100     | 1,000          |
| 11970    | Red    | 22-16         | .032 X.250 | .260 | .295 | .846 | .433 | .067 | .157 | .016 | 1    | 100     | 1,000          |
| 11972    | Blue   | 16-14         | .020 X.187 | .197 | .252 | .795 | .433 | .091 | .197 | .014 | 2    | 100     | 1,000          |
| 11974    | Blue   | 16-14         | .032 X.187 | .197 | .252 | .795 | .433 | .091 | .197 | .014 | 2    | 100     | 1,000          |
| 11976    | Blue   | 16-14         | .032 X.250 | .260 | .295 | .846 | .433 | .091 | .197 | .016 | 1    | 100     | 1,000          |
| 11978    | Yellow | 12-10         | .032 X.250 | .260 | .295 | .953 | .512 | .134 | .256 | .016 | 2    | 100     | 1,000          |

# Nylon Fully Insulated Double Crimp Male Disconnects

MAXIMUM ELECTRIC CURRENT:

|     |    |    |    |    |    |    |    |
|-----|----|----|----|----|----|----|----|
| Awg | 22 | 20 | 18 | 16 | 14 | 12 | 10 |
| Amp | 3  | 4  | 7  | 10 | 15 | 20 | 24 |

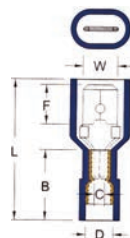
**MAXIMUM ELECTRIC RATING:** 221°F (105°C) 600 Volts

**INSULATION MATERIAL:** Nylon

**TERMINAL MATERIAL:** Electro-Tin Plated Brass

**DOUBLE CRIMP:** Extended Copper Sleeve for Multiple Crimps

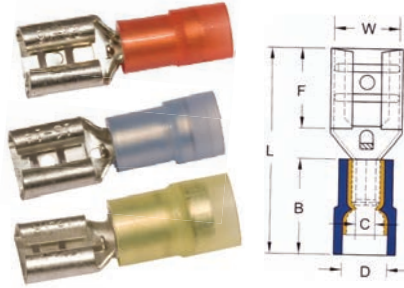
**FEATURES:** Serrated Barrel, Expanded Insulation, Oval Housing Shape



Dimensions = Inches

| Cat. No. | Color  | Wire Size AWG | NEMA TAB   | W    | F    | L     | B    | C    | D    | T    | Bag Qty | Master Bag Qty |
|----------|--------|---------------|------------|------|------|-------|------|------|------|------|---------|----------------|
| 11980    | Red    | 22-16         | .020 X.187 | .250 | .256 | .866  | .433 | .067 | .157 | .016 | 100     | 1,000          |
| 11981    | Red    | 22-16         | .032 X.187 | .250 | .256 | .866  | .433 | .067 | .157 | .016 | 100     | 1,000          |
| 11982    | Red    | 22-16         | .032 X.250 | .250 | .303 | .945  | .433 | .067 | .157 | .016 | 100     | 1,000          |
| 11983    | Blue   | 16-14         | .020 X.187 | .250 | .256 | .866  | .433 | .091 | .197 | .016 | 100     | 1,000          |
| 11985    | Blue   | 16-14         | .032 X.187 | .250 | .256 | .866  | .433 | .091 | .197 | .016 | 100     | 1,000          |
| 11984    | Blue   | 16-14         | .032 X.250 | .250 | .303 | .945  | .433 | .091 | .197 | .016 | 100     | 1,000          |
| 11986    | Yellow | 12-10         | .032 X.250 | .250 | .303 | 1.024 | .512 | .134 | .256 | .016 | 100     | 1,000          |

## Nylon Insulated Double Crimp Female Disconnects



MAXIMUM ELECTRIC CURRENT:

|     |    |    |    |    |    |    |    |
|-----|----|----|----|----|----|----|----|
| Awg | 22 | 20 | 18 | 16 | 14 | 12 | 10 |
| Amp | 3  | 4  | 7  | 10 | 15 | 20 | 24 |

**MAXIMUM ELECTRIC RATING:** 221°F (105°C) 600 Volts

**INSULATION MATERIAL:** Nylon

**TERMINAL MATERIAL:** Electro-Tin Plated Brass

**DOUBLE CRIMP:** Extended Copper Sleeve for Multiple Crimps

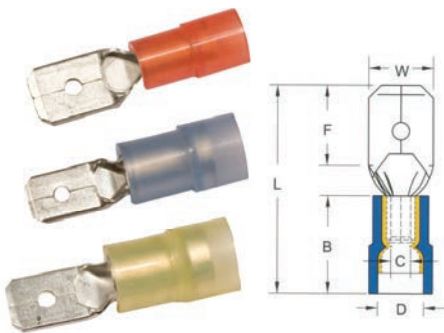
**FEATURES:** Serrated Barrel, Expanded Insulation



Dimensions = Inches

| Cat. No. | Color  | Wire Size AWG | NEMA TAB   | W    | F    | L    | B    | C    | D    | T    | Bag Qty | Master Bag Qty |
|----------|--------|---------------|------------|------|------|------|------|------|------|------|---------|----------------|
| 11902    | Red    | 22-16         | .020 X.110 | .126 | .256 | .772 | .433 | .067 | .157 | .012 | 100     | 1,000          |
| 11904    | Red    | 22-16         | .032 X.110 | .126 | .256 | .772 | .433 | .067 | .157 | .012 | 100     | 1,000          |
| 11906    | Red    | 22-16         | .020 X.187 | .197 | .252 | .787 | .433 | .067 | .157 | .014 | 100     | 1,000          |
| 11908    | Red    | 22-16         | .032 X.187 | .197 | .252 | .787 | .433 | .067 | .157 | .014 | 100     | 1,000          |
| 11910    | Red    | 22-16         | .020 X.205 | .224 | .260 | .768 | .433 | .067 | .157 | .014 | 100     | 1,000          |
| 11912    | Red    | 22-16         | .032 X.250 | .260 | .287 | .846 | .433 | .067 | .157 | .016 | 100     | 1,000          |
| 11914    | Blue   | 16-14         | .020 X.110 | .126 | .256 | .772 | .433 | .091 | .197 | .012 | 100     | 1,000          |
| 11916    | Blue   | 16-14         | .032 X.110 | .126 | .256 | .772 | .433 | .091 | .197 | .012 | 100     | 1,000          |
| 11918    | Blue   | 16-14         | .020 X.187 | .197 | .252 | .787 | .433 | .091 | .197 | .014 | 100     | 1,000          |
| 11920    | Blue   | 16-14         | .032 X.187 | .197 | .252 | .787 | .433 | .091 | .197 | .014 | 100     | 1,000          |
| 11922    | Blue   | 16-14         | .020 X.205 | .224 | .228 | .768 | .433 | .091 | .197 | .014 | 100     | 1,000          |
| 11924    | Blue   | 16-14         | .032 X.250 | .260 | .295 | .846 | .433 | .091 | .197 | .016 | 100     | 1,000          |
| 11926    | Yellow | 12-10         | .020 X.110 | .126 | .256 | .866 | .512 | .134 | .256 | .014 | 100     | 1,000          |
| 11928    | Yellow | 12-10         | .032 X.110 | .126 | .256 | .866 | .512 | .134 | .256 | .014 | 100     | 1,000          |
| 11930    | Yellow | 12-10         | .020 X.187 | .197 | .256 | .866 | .512 | .134 | .256 | .014 | 100     | 1,000          |
| 11932    | Yellow | 12-10         | .032 X.187 | .197 | .256 | .866 | .512 | .134 | .256 | .014 | 100     | 1,000          |
| 11934    | Yellow | 12-10         | .032 X.250 | .260 | .295 | .925 | .512 | .134 | .256 | .016 | 100     | 1,000          |

## Nylon Insulated Double Crimp Male Disconnects



MAXIMUM ELECTRIC CURRENT:

|     |    |    |    |    |    |    |    |
|-----|----|----|----|----|----|----|----|
| Awg | 22 | 20 | 18 | 16 | 14 | 12 | 10 |
| Amp | 3  | 4  | 7  | 10 | 15 | 20 | 24 |

**MAXIMUM ELECTRIC RATING:** 221°F (105°C) 600 Volts

**INSULATION MATERIAL:** Nylon

**TERMINAL MATERIAL:** Electro-Tin Plated Brass

**DOUBLE CRIMP:** Extended Copper Sleeve for Multiple Crimps

**FEATURES:** Serrated Barrel, Expanded Insulation

Dimensions = Inches

| Cat. No. | Color  | Wire Size AWG | NEMA TAB   | W    | F    | L    | B    | C    | D    | T    | Bag Qty | Master Bag Qty |
|----------|--------|---------------|------------|------|------|------|------|------|------|------|---------|----------------|
| 11942    | Red    | 22-16         | .020 X.110 | .110 | .256 | .768 | .433 | .067 | .157 | .020 | 100     | 1,000          |
| 11944    | Red    | 22-16         | .032 X.110 | .110 | .256 | .768 | .433 | .067 | .157 | .016 | 100     | 1,000          |
| 11946    | Red    | 22-16         | .020 X.187 | .189 | .256 | .768 | .433 | .067 | .157 | .020 | 100     | 1,000          |
| 11948    | Red    | 22-16         | .032 X.187 | .189 | .264 | .768 | .433 | .067 | .157 | .016 | 100     | 1,000          |
| 11950    | Red    | 22-16         | .032 X.250 | .250 | .303 | .866 | .433 | .067 | .157 | .016 | 100     | 1,000          |
| 11952    | Blue   | 16-14         | .020 X.187 | .189 | .256 | .787 | .433 | .091 | .197 | .020 | 100     | 1,000          |
| 11954    | Blue   | 16-14         | .032 X.187 | .189 | .264 | .787 | .433 | .091 | .197 | .020 | 100     | 1,000          |
| 11956    | Blue   | 16-14         | .032 X.250 | .250 | .303 | .874 | .433 | .091 | .197 | .016 | 100     | 1,000          |
| 11958    | Yellow | 12-10         | .032 X.250 | .250 | .303 | .945 | .512 | .134 | .256 | .016 | 100     | 1,000          |

# Non-Insulated Flag Female Disconnects

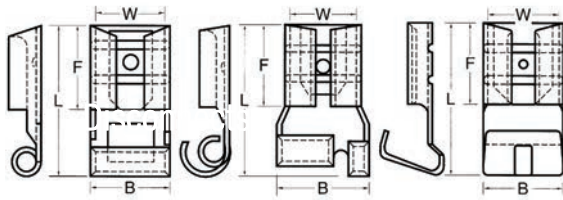


fig 1

fig 2

fig 3



fig 1

fig 2

fig 3

MAXIMUM ELECTRIC CURRENT:

|     |    |    |    |    |    |    |    |
|-----|----|----|----|----|----|----|----|
| Awg | 22 | 20 | 18 | 16 | 14 | 12 | 10 |
| Amp | 3  | 4  | 7  | 10 | 15 | 20 | 24 |

MAXIMUM ELECTRIC RATING: 221°F (150°C) 600V

TERMINAL MATERIAL: Electro-Tin Plated Brass

| Cat. No. | Wire Size AWG | NEMA TAB   | W    | F    | L    | B    | T    | Fig | Bag Qty | Master Bag Qty |
|----------|---------------|------------|------|------|------|------|------|-----|---------|----------------|
| 12412    | 22-16         | .020 X.187 | .197 | .244 | .445 | .217 | .016 | 1   | 100     | 1,000          |
| 12414    | 22-16         | .032 X.187 | .197 | .244 | .445 | .217 | .016 | 1   | 100     | 1,000          |
| 12416    | 22-16         | .032 X.250 | .260 | .299 | .551 | .291 | .016 | 1   | 100     | 1,000          |
| 12418    | 22-16         | .032 X.250 | .260 | .307 | .591 | .366 | .018 | 2   | 100     | 1,000          |
| 12420    | 16-14         | .020 X.187 | .197 | .244 | .457 | .217 | .016 | 1   | 100     | 1,000          |
| 12422    | 16-14         | .032 X.187 | .197 | .244 | .457 | .217 | .016 | 1   | 100     | 1,000          |
| 12424    | 16-14         | .032 X.250 | .260 | .299 | .551 | .291 | .016 | 1   | 100     | 1,000          |
| 12428    | 12-10         | .032 X.250 | .260 | .299 | .571 | .295 | .018 | 3   | 100     | 1,000          |

Dimensions = Inches

# Nylon Insulated Flag Female Disconnects

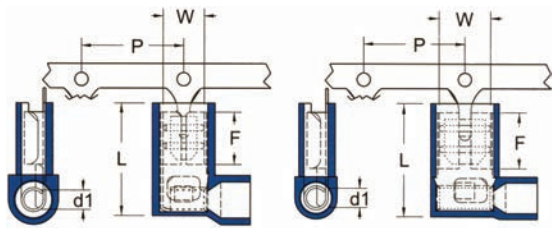


fig 1

fig 2



fig 1

fig 2

fig 3

MAXIMUM ELECTRIC CURRENT:

|     |    |    |    |    |    |
|-----|----|----|----|----|----|
| Awg | 22 | 20 | 18 | 16 | 14 |
| Amp | 3  | 4  | 7  | 10 | 15 |

MAXIMUM ELECTRIC RATING: 221°F (105°C) 600 Volts

INSULATION MATERIAL: Nylon

TERMINAL MATERIAL: Electro-Tin Plated Brass

FEATURES: Serrated Barrel, Expanded Insulation

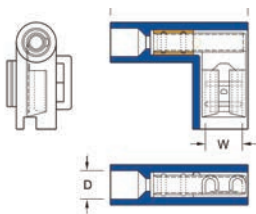


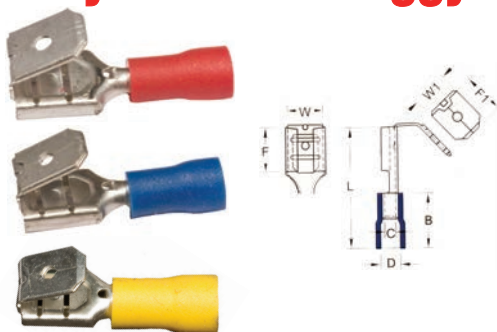
fig 3

Dimensions = Inches

| Cat. No. | Color  | Wire Size AWG | NEMA TAB   | W    | F    | L    | d1   | D    | Fig. | Bag Qty | Master Bag Qty |
|----------|--------|---------------|------------|------|------|------|------|------|------|---------|----------------|
| 12432    | Red    | 22-16         | .020 X.187 | .197 | .276 | .591 | .063 | -    | 1    | 100     | 1,000          |
| 12434    | Red    | 22-16         | .032 X.187 | .197 | .276 | .591 | .063 | -    | 1    | 100     | 1,000          |
| 12436    | Red    | 22-16         | .032 X.250 | .260 | .299 | .598 | .063 | -    | 1    | 100     | 10,00          |
| 12438    | Blue   | 16-14         | .020 X.187 | .197 | .276 | .598 | .083 | -    | 2    | 100     | 1,000          |
| 12440    | Blue   | 16-14         | .032 X.187 | .197 | .276 | .598 | .083 | -    | 2    | 100     | 1,000          |
| 12442    | Blue   | 16-14         | .032 X.250 | .260 | .299 | .598 | .083 | -    | 2    | 100     | 1,000          |
| 12443    | Yellow | 12-10         | .032 X.250 | .260 | .295 | .906 | .083 | .248 | 3    | 100     | 1,000          |



### Vinyl Insulated Piggy Back Disconnects



MAXIMUM ELECTRIC CURRENT:

|     |    |    |    |    |    |    |    |
|-----|----|----|----|----|----|----|----|
| Awg | 22 | 20 | 18 | 16 | 14 | 12 | 10 |
| Amp | 3  | 4  | 7  | 10 | 15 | 20 | 24 |

**MAXIMUM ELECTRIC RATING:** 167°F (75°C) 300 Volts

**INSULATION MATERIAL:** Vinyl

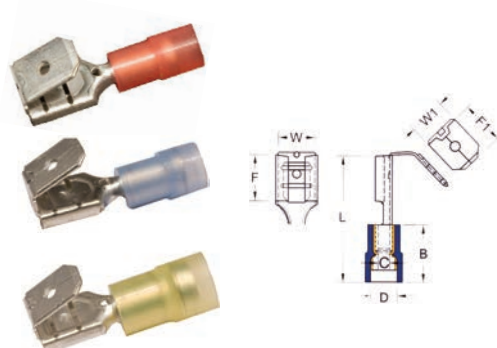
**TERMINAL MATERIAL:** Electro-Tin Plated Brass

**FEATURES:** Serrated Barrel, Expanded Insulation

Dimensions = Inches

| Cat No. | Color  | Wire Size AWG | NEMA TAB   | W    | W1   | F    | F1   | L    | B    | C    | D    | T    | Bag Qty | Master Bag Qty |
|---------|--------|---------------|------------|------|------|------|------|------|------|------|------|------|---------|----------------|
| 12012   | Red    | 22-16         | .032 X.250 | .260 | .250 | .315 | .323 | .866 | .394 | .067 | .157 | .016 | 100     | 1,000          |
| 12014   | Blue   | 16-14         | .032 X.250 | .260 | .250 | .315 | .323 | .866 | .394 | .091 | .177 | .016 | 100     | 1,000          |
| 12016   | Yellow | 12-10         | .032 X.250 | .260 | .250 | .315 | .323 | .945 | .512 | .134 | .217 | .016 | 100     | 1,000          |

### Nylon Insulated Double Crimp Piggy Back Disconnects



MAXIMUM ELECTRIC CURRENT:

|     |    |    |    |    |    |    |    |
|-----|----|----|----|----|----|----|----|
| Awg | 22 | 20 | 18 | 16 | 14 | 12 | 10 |
| Amp | 3  | 4  | 7  | 10 | 15 | 20 | 24 |

**MAXIMUM ELECTRIC RATING:** 221°F (105°C) 600 Volts

**INSULATION MATERIAL:** Nylon

**TERMINAL MATERIAL:** Electro-Tin Plated Brass

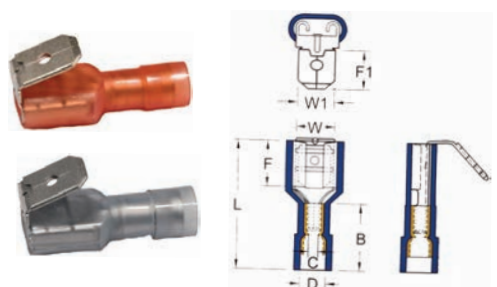
**DOUBLE CRIMP:** Extended Copper Sleeve for Multiple Crimps

**FEATURES:** Serrated Barrel, Expanded Insulation

Dimensions = Inches

| Cat. No. | Color  | Wire Size AWG | NEMA TAB   | W    | W1   | F    | F1   | L    | B    | C    | D    | T    | Bag Qty | Master Bag Qty |
|----------|--------|---------------|------------|------|------|------|------|------|------|------|------|------|---------|----------------|
| 12022    | Red    | 22-16         | .032 X.250 | .260 | .250 | .315 | .323 | .906 | .433 | .067 | .157 | .016 | 100     | 1,000          |
| 12024    | Blue   | 16-14         | .032 X.250 | .260 | .250 | .315 | .323 | .906 | .433 | .091 | .197 | .016 | 100     | 1,000          |
| 12026    | Yellow | 12-10         | .032 X.250 | .260 | .250 | .315 | .323 | .945 | .512 | .134 | .256 | .016 | 100     | 1,000          |

### Nylon Fully Insulated Double Crimp Piggy Back Disconnects



MAXIMUM ELECTRIC CURRENT:

|     |    |    |    |    |    |    |    |
|-----|----|----|----|----|----|----|----|
| Awg | 22 | 20 | 18 | 16 | 14 | 12 | 10 |
| Amp | 3  | 4  | 7  | 10 | 15 | 20 | 24 |

**MAXIMUM ELECTRIC RATING:** 221°F (105°C) 600 Volts

**INSULATION MATERIAL:** Nylon

**TERMINAL MATERIAL:** Electro-Tin Plated Brass

**DOUBLE CRIMP:** Extended Copper Sleeve for Multiple Crimps

**FEATURES:** Serrated Barrel, Expanded Insulation

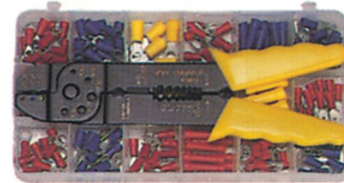
Dimensions = Inches

| Cat. No. | Color | Wire Size AWG | NEMA TAB   | W    | W1   | F    | F1   | L    | B    | C    | D    | T    | Bag Qty | Master Bag Qty |
|----------|-------|---------------|------------|------|------|------|------|------|------|------|------|------|---------|----------------|
| 12032    | Red   | 22-16         | .032 X.250 | .260 | .250 | .315 | .323 | .846 | .433 | .067 | .157 | .016 | 100     | 1,000          |
| 12034    | Blue  | 16-14         | .032 X.250 | .260 | .250 | .315 | .323 | .846 | .433 | .091 | .197 | .016 | 100     | 1,000          |

**175 Piece Terminal Kit With Crimp Tool**

| Qty | Item ID | Item Description          |
|-----|---------|---------------------------|
| 4   | 10014   | Ring Terminal 22-16 #8    |
| 4   | 10034   | Ring Terminal 16-14 #8    |
| 5   | 10036   | Ring Terminal 16-14 #10   |
| 4   | 10062   | Ring Terminal 12-10 #8    |
| 6   | 10064   | Ring Terminal 12-10 #10   |
| 4   | 10066   | Ring Terminal 12-10 1/4"  |
| 4   | 10112   | Spade Terminal 22-16 #6   |
| 4   | 10114   | Spade Terminal 22-16 #8   |
| 4   | 10116   | Spade Terminal 22-16 #10  |
| 4   | 10132   | Spade Terminal 16-14 #6   |
| 7   | 10134   | Spade Terminal 16-14 #8   |
| 6   | 10136   | Spade Terminal 16-14 #10  |
| 8   | 10162   | Spade Terminal 12-10 #8   |
| 15  | 10164   | Spade Terminal 12-10 #10  |
| 4   | 10166   | Spade Terminal 12-10 1/4" |

| Qty | Item ID | Item Description                    |
|-----|---------|-------------------------------------|
| 10  | 10182   | Butt Connector 22-18                |
| 10  | 10184   | Butt Connector 16-14                |
| 8   | 10186   | Butt Connector 12-10                |
| 4   | 10214   | Vinyl Male Disconnect 22-16 .250    |
| 4   | 10224   | Vinyl Male Disconnect 16-14 .250    |
| 4   | 10232   | Vinyl Male Disconnect 12-10 .250    |
| 5   | 10314   | Vinyl Fem Disconnect 22-18 .250     |
| 4   | 10322   | Vinyl Fem Disconnect 16-14 .187     |
| 10  | 10324   | Vinyl Fem Disconnect 16-14 .250     |
| 12  | 10332   | Vinyl Fem Disconnect 12-10 .250     |
| 4   | 10411   | Nyl Full Ins Fem Discon 22-18 .250  |
| 5   | 10412   | Nyl Full Ins Fem Discon 16-14 .250  |
| 4   | 10414   | Nyl Full Ins Fem Discon 12-10 .250  |
| 4   | 10415   | Nyl Full Ins Male Discon 22-18 .250 |
| 4   | 10416   | Nyl Full Ins Male Discon 16-14 .250 |



- High impact reusable plastic box
- 22 - 10 AWG Crimp Tool
- Assortment of ring and spade terminals, butt connectors, male and female disconnects

| Cat No. | Kits/Case |
|---------|-----------|
| 10815   | 5         |

Dimensions = Inches

**200 Piece Terminal Kit with Controlled Cycle Crimp Tool**

| Qty | Item ID | Item Description          |
|-----|---------|---------------------------|
| 4   | 10012   | Ring Terminal 22-16 #6    |
| 4   | 10014   | Ring Terminal 22-16 #8    |
| 4   | 10016   | Ring Terminal 22-16 #10   |
| 4   | 10032   | Ring Terminal 16-14 #6    |
| 4   | 10034   | Ring Terminal 16-14 #8    |
| 5   | 10036   | Ring Terminal 16-14 #10   |
| 4   | 10062   | Ring Terminal 12-10 #8    |
| 6   | 10064   | Ring Terminal 12-10 #10   |
| 4   | 10066   | Ring Terminal 12-10 1/4"  |
| 4   | 10068   | Ring Terminal 12-10 5/16" |
| 4   | 10112   | Spade Terminal 22-16 #6   |
| 4   | 10114   | Spade Terminal 22-16 #8   |
| 4   | 10116   | Spade Terminal 22-16 #10  |
| 4   | 10132   | Spade Terminal 16-14 #6   |
| 8   | 10134   | Spade Terminal 16-14 #8   |
| 7   | 10136   | Spade Terminal 16-14 #10  |
| 9   | 10162   | Spade Terminal 12-10 #8   |

| Qty | Item ID | Item Description                    |
|-----|---------|-------------------------------------|
| 16  | 10164   | Spade Terminal 12-10 #10            |
| 4   | 10166   | Spade Terminal 12-10 1/4"           |
| 11  | 10182   | Butt Connector 22-18                |
| 11  | 10184   | Butt Connector 16-14                |
| 9   | 10186   | Butt Connector 12-10                |
| 4   | 10214   | Vinyl Male Disconnect 22-16 .250    |
| 4   | 10224   | Vinyl Male Disconnect 16-14 .250    |
| 4   | 10232   | Vinyl Male Disconnect 12-10 .250    |
| 5   | 10314   | Vinyl Fem Disconnect 22-18 .250     |
| 4   | 10322   | Vinyl Fem Disconnect 16-14 .187     |
| 11  | 10324   | Vinyl Fem Disconnect 16-14 .250     |
| 13  | 10332   | Vinyl Fem Disconnect 12-10 .250     |
| 4   | 10411   | Nyl Full Ins Fem Discon 22-18 .250  |
| 5   | 10412   | Nyl Full Ins Fem Discon 16-14 .250  |
| 4   | 10414   | Nyl Full Ins Fem Discon 12-10 .250  |
| 4   | 10415   | Nyl Full Ins Male Discon 22-18 .250 |
| 4   | 10416   | Nyl Full Ins Male Discon 16-14 .250 |



- High impact steel tray
- Ergonomic controlled cycle crimp tool
- Assortment of ring and spade terminals, butt connectors, male and female disconnects

| Cat No. | Kits/Case |
|---------|-----------|
| 10817   | 5         |

**500 Piece Terminal Kit with Controlled Cycle Crimp Tool**

| Qty | Item ID | Item Description          |
|-----|---------|---------------------------|
| 8   | 10012   | Ring Terminal 22-16 #6    |
| 10  | 10014   | Ring Terminal 22-16 #8    |
| 8   | 10016   | Ring Terminal 22-16 #10   |
| 8   | 10032   | Ring Terminal 16-14 #6    |
| 10  | 10034   | Ring Terminal 16-14 #8    |
| 14  | 10036   | Ring Terminal 16-14 #10   |
| 10  | 10062   | Ring Terminal 12-10 #8    |
| 16  | 10064   | Ring Terminal 12-10 #10   |
| 10  | 10066   | Ring Terminal 12-10 1/4"  |
| 8   | 10068   | Ring Terminal 12-10 5/16" |
| 10  | 10112   | Spade Terminal 22-16 #6   |
| 10  | 10114   | Spade Terminal 22-16 #8   |
| 10  | 10116   | Spade Terminal 22-16 #10  |
| 10  | 10132   | Spade Terminal 16-14 #6   |
| 21  | 10134   | Spade Terminal 16-14 #8   |
| 18  | 10136   | Spade Terminal 16-14 #10  |
| 23  | 10162   | Spade Terminal 12-10 #8   |

| Qty | Item ID | Item Description                    |
|-----|---------|-------------------------------------|
| 40  | 10164   | Spade Terminal 12-10 #10            |
| 8   | 10166   | Spade Terminal 12-10 1/4"           |
| 28  | 10182   | Butt Connector 22-18                |
| 30  | 10184   | Butt Connector 16-14                |
| 23  | 10186   | Butt Connector 12-10                |
| 8   | 10214   | Vinyl Male Disconnect 22-16 .250    |
| 10  | 10224   | Vinyl Male Disconnect 16-14 .250    |
| 10  | 10232   | Vinyl Male Disconnect 12-10 .250    |
| 14  | 10314   | Vinyl Fem Disconnect 22-18 .250     |
| 10  | 10322   | Vinyl Fem Disconnect 16-14 .187     |
| 28  | 10324   | Vinyl Fem Disconnect 16-14 .250     |
| 35  | 10332   | Vinyl Fem Disconnect 12-10 .250     |
| 10  | 10411   | Nyl Full Ins Fem Discon 22-18 .250  |
| 14  | 10412   | Nyl Full Ins Fem Discon 16-14 .250  |
| 10  | 10414   | Nyl Full Ins Fem Discon 12-10 .250  |
| 8   | 10415   | Nyl Full Ins Male Discon 22-18 .250 |
| 10  | 10416   | Nyl Full Ins Male Discon 16-14 .250 |



- High impact steel tray
- Ergonomic controlled cycle crimp tool
- Assortment of ring and spade terminals, butt connectors, male and female disconnects

| Cat No. | Kits/Case |
|---------|-----------|
| 10818   | 5         |

### Multi-Way Adapters

TERMINAL MATERIAL: Brass  
 221°F(150°C) 600V  
 Electrolytic Brass  
 TERMINAL MATERIAL: Brass



Dimensions = Inches

| Cat. No. | Description  | Nema Tab | W    | L     | Figure | Bag Qty      |
|----------|--|----------|------|-------|--------|--------------|
| 10710*   | 2-WAY BULLET RECEPTACLE<br>105°C 600V                | .156     | .307 | 1.260 |        | 100          |
| 10712*   | DOUBLE MALE TAB<br>SINGLE FEMALE SLIP-ON<br>600V 24A | .250     | .575 | .787  |        | 100          |
| 10712B   | DOUBLE MALE TAB<br>SINGLE FEMALE SLIP-ON<br>600V 24A | .250     | .575 | .787  |        | 1,000/10,000 |
| 10714    | 3-WAY ADAPTER<br>(2 MALE TABS)<br>600V 24A           | .250     | .291 | .709  |        | 100          |
| 10714B   | 3-WAY ADAPTER<br>(2 MALE TABS)<br>600V 24A           | .250     | .291 | .709  |        | 1,000/10,000 |
| 10716    | CHAIR ADAPTER<br>(2 MALE TABS)<br>600V 24A           | .250     | .331 | .827  |        | 100          |
| 10718    | CHAIR ADAPTER<br>(3 MALE TAB)<br>600V 24A            | .250     | .299 | .827  |        | 100          |
| 10720*   | 90° CHAIR ADAPTER<br>(2 MALE TAB)<br>600V 24A        | .250     | .335 | .811  |        | 100          |

\* Not UL Listed

### 200 Piece Terminal Kit



- High impact reusable plastic box
- Assortment of ring & spade terminals, butt connectors, male & female disconnects

| Cat No. | Kits/Case |
|---------|-----------|
| 10816   | 5         |

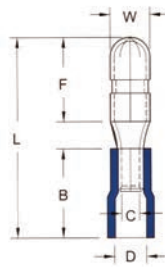
Contains the following:

Dimensions = Inches



| Qty | Item ID | Item Description          | Qty | Item ID | Item Description                    |
|-----|---------|---------------------------|-----|---------|-------------------------------------|
| 4   | 10012   | Ring Terminal 22-16 #6    | 16  | 10164   | Spade Terminal 12-10 #10            |
| 4   | 10014   | Ring Terminal 22-16 #8    | 4   | 10166   | Spade Terminal 12-10 1/4"           |
| 4   | 10016   | Ring Terminal 22-16 #10   | 11  | 10182   | Butt Connector 22-18                |
| 4   | 10032   | Ring Terminal 16-14 #6    | 11  | 10184   | Butt Connector 16-14                |
| 4   | 10034   | Ring Terminal 16-14 #8    | 9   | 10186   | Butt Connector 12-10                |
| 5   | 10036   | Ring Terminal 16-14 #10   | 4   | 10214   | Vinyl Male Disconnect 22-16 .250    |
| 4   | 10062   | Ring Terminal 12-10 #8    | 4   | 10224   | Vinyl Male Disconnect 16-14 .250    |
| 6   | 10064   | Ring Terminal 12-10 #10   | 4   | 10232   | Vinyl Male Disconnect 12-10 .250    |
| 4   | 10066   | Ring Terminal 12-10 1/4"  | 5   | 10314   | Vinyl Fem Disconnect 22-18 .250     |
| 4   | 10068   | Ring Terminal 12-10 5/16" | 4   | 10322   | Vinyl Fem Disconnect 16-14 .187     |
| 4   | 10112   | Spade Terminal 22-16 #6   | 11  | 10324   | Vinyl Fem Disconnect 16-14 .250     |
| 4   | 10114   | Spade Terminal 22-16 #8   | 13  | 10332   | Vinyl Male Disconnect 12-10 .250    |
| 4   | 10116   | Spade Terminal 22-16 #10  | 4   | 10411   | Nyl Full Ins Fem Discon 22-18 .250  |
| 4   | 10132   | Spade Terminal 16-14 #6   | 5   | 10412   | Nyl Full Ins Fem Discon 16-14 .250  |
| 8   | 10134   | Spade Terminal 16-14 #8   | 4   | 10414   | Nyl Full Ins Fem Discon 12-10 .250  |
| 7   | 10136   | Spade Terminal 16-14 #10  | 4   | 10415   | Nyl Full Ins Male Discon 22-18 .250 |
| 9   | 10162   | Spade Terminal 12-10 #8   | 4   | 10416   | Nyl Full Ins Male Discon 16-14 .250 |

## Vinyl Insulated Bullet Disconnects



MAXIMUM ELECTRIC CURRENT:

|     |    |    |    |    |    |    |    |
|-----|----|----|----|----|----|----|----|
| Awg | 22 | 20 | 18 | 16 | 14 | 12 | 10 |
| Amp | 3  | 4  | 7  | 10 | 15 | 20 | 24 |

**MAXIMUM ELECTRIC RATING:** 167°F (75°C) 600 Volts

**INSULATION MATERIAL:** Vinyl

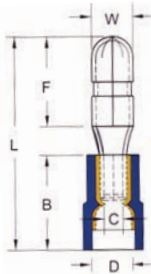
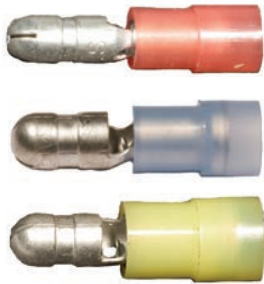
**TERMINAL MATERIAL:** Electro-Tin Plated Brass

**FEATURES:** Serrated Barrel, Expanded Insulation

Dimensions = Inches

| Cat. No. | Color  | Wire Size AWG | W    | F    | L    | B    | C    | D    | T    | Bag Qty | Master Bag Qty |
|----------|--------|---------------|------|------|------|------|------|------|------|---------|----------------|
| 12042    | Red    | 22-16         | .157 | .335 | .827 | .394 | .067 | .157 | .016 | 100     | 1,000          |
| 12044    | Blue   | 16-14         | .157 | .335 | .827 | .394 | .091 | .177 | .016 | 100     | 1,000          |
| 12046    | Blue   | 16-14         | .197 | .335 | .827 | .394 | .091 | .177 | .016 | 100     | 1,000          |
| 12048    | Yellow | 12-10         | .197 | .335 | .925 | .512 | .134 | .217 | .016 | 100     | 1,000          |

## Nylon Insulated Double Crimp Bullet Disconnects



MAXIMUM ELECTRIC CURRENT:

|     |    |    |    |    |    |    |    |
|-----|----|----|----|----|----|----|----|
| Awg | 22 | 20 | 18 | 16 | 14 | 12 | 10 |
| Amp | 3  | 4  | 7  | 10 | 15 | 20 | 24 |

221°F (105°C) 600 Volts

Nylon

Electro-Tin Plated Brass

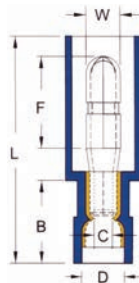
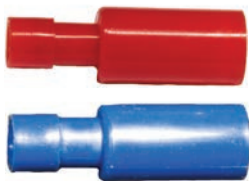
Extended Copper Sleeve for Multiple Crimps

Serrated Barrel, Expanded Insulation

Dimensions = Inches

| Cat. No. | Color  | Wire Size AWG | W    | F    | L    | B    | C    | D    | T    | Bag Qty | Master Bag Qty |
|----------|--------|---------------|------|------|------|------|------|------|------|---------|----------------|
| 12052    | Red    | 22-16         | .157 | .335 | .866 | .433 | .067 | .157 | .016 | 100     | 1,000          |
| 12054    | Blue   | 16-14         | .157 | .335 | .866 | .433 | .091 | .197 | .016 | 100     | 1,000          |
| 12056    | Blue   | 16-14         | .197 | .335 | .866 | .433 | .091 | .197 | .016 | 100     | 1,000          |
| 12058    | Yellow | 12-10         | .197 | .335 | .925 | .512 | .134 | .256 | .016 | 100     | 1,000          |

## Nylon Fully Insulated Double Crimp Bullet Disconnects



MAXIMUM ELECTRIC CURRENT:

|     |    |    |    |    |    |    |    |
|-----|----|----|----|----|----|----|----|
| Awg | 22 | 20 | 18 | 16 | 14 | 12 | 10 |
| Amp | 3  | 4  | 7  | 10 | 15 | 20 | 24 |

221°F (105°C) 600 Volts

Nylon

Electro-Tin Plated Brass

Extended Copper Sleeve for Multiple Crimps

Serrated Barrel, Expanded Insulation

Dimensions = Inches

| Cat. No. | Color | Wire Size AWG | W    | F    | L     | B    | C    | D    | T    | Bag Qty | Master Bag Qty |
|----------|-------|---------------|------|------|-------|------|------|------|------|---------|----------------|
| 12062    | Red   | 22-16         | .157 | .412 | 1.063 | .394 | .067 | .157 | .016 | 100     | 1,000          |
| 12064    | Blue  | 16-14         | .157 | .413 | 1.063 | .394 | .091 | .177 | .016 | 100     | 1,000          |



### Vinyl Insulated Receptacle Disconnects

MAXIMUM ELECTRIC CURRENT:

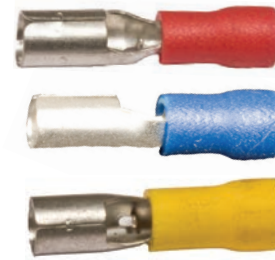
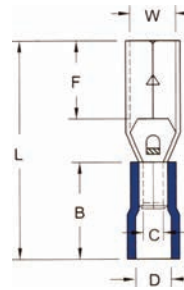
|     |    |    |    |    |    |    |    |
|-----|----|----|----|----|----|----|----|
| Awg | 22 | 20 | 18 | 16 | 14 | 12 | 10 |
| Amp | 3  | 4  | 7  | 10 | 15 | 20 | 24 |

167°F (75°C) 600 Volts

Vinyl

Electro-Tin Plated Brass

Serrated Barrel, Expanded Insulation



Dimensions = Inches

| Cat. No. | Color  | Wire Size AWG | W    | F    | L    | B    | C    | D    | T    | Bag Qty | Master Bag Qty |
|----------|--------|---------------|------|------|------|------|------|------|------|---------|----------------|
| 12072    | Red    | 22-16         | .154 | .276 | .846 | .394 | .067 | .157 | .016 | 100     | 1,000          |
| 12074    | Blue   | 16-14         | .154 | .276 | .846 | .394 | .091 | .177 | .016 | 100     | 1,000          |
| 12076    | Blue   | 16-14         | .193 | .276 | .846 | .394 | .091 | .177 | .016 | 100     | 1,000          |
| 12078    | Yellow | 12-10         | .193 | .276 | .965 | .512 | .134 | .217 | .018 | 100     | 1,000          |

### Nylon Insulated Double Crimp Receptacle Disconnects

MAXIMUM ELECTRIC CURRENT:

|     |    |    |    |    |    |    |    |
|-----|----|----|----|----|----|----|----|
| Awg | 22 | 20 | 18 | 16 | 14 | 12 | 10 |
| Amp | 3  | 4  | 7  | 10 | 15 | 20 | 24 |

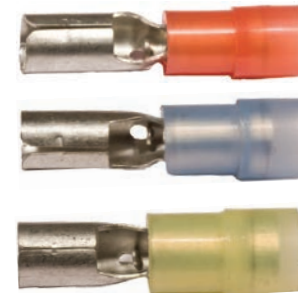
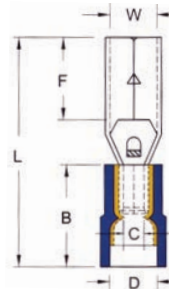
221°F (105°C) 600 Volts

Nylon

Electro-Tin Plated Brass

Extended Copper Sleeve for Multiple Crimps

Serrated Barrel, Expanded Insulation



Dimensions = Inches

| Cat. No. | Color  | Wire Size AWG | W    | F    | L    | B    | C    | D    | T    | Bag Qty | Master Bag Qty |
|----------|--------|---------------|------|------|------|------|------|------|------|---------|----------------|
| 12082    | Red    | 22-16         | .154 | .276 | .886 | .433 | .067 | .157 | .016 | 100     | 1,000          |
| 12084    | Blue   | 16-14         | .154 | .276 | .886 | .433 | .091 | .197 | .016 | 100     | 1,000          |
| 12086    | Blue   | 16-14         | .193 | .276 | .886 | .433 | .091 | .197 | .016 | 100     | 1,000          |
| 12088    | Yellow | 12-10         | .193 | .276 | .965 | .512 | .134 | .256 | .018 | 100     | 1,000          |

### Nylon Fully Insulated Double Crimp Receptacle Disconnects

MAXIMUM ELECTRIC CURRENT:

|     |    |    |    |    |    |    |    |
|-----|----|----|----|----|----|----|----|
| Awg | 22 | 20 | 18 | 16 | 14 | 12 | 10 |
| Amp | 3  | 4  | 7  | 10 | 15 | 20 | 24 |

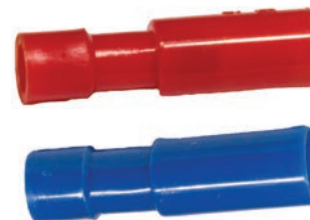
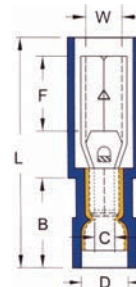
221°F (105°C) 600 Volts

Nylon

Electro-Tin Plated Brass

Extended Copper Sleeve for Multiple Crimps

Serrated Barrel, Expanded Insulation

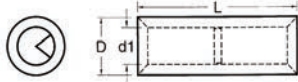


Dimensions = Inches

| Cat. No. | Color | Wire Size AWG | W    | F    | L     | B    | C    | D    | T    | Bag Qty | Master Bag Qty |
|----------|-------|---------------|------|------|-------|------|------|------|------|---------|----------------|
| 12092    | Red   | 22-16         | .154 | .276 | .992  | .433 | .067 | .157 | .016 | 100     | 1,000          |
| 12094    | Blue  | 16-14         | .154 | .276 | .992  | .433 | .091 | .197 | .016 | 100     | 1,000          |
| 12096    | Blue  | 16-14         | .193 | .276 | 1.063 | .433 | .091 | .197 | .016 | 100     | 1,000          |



## Non-Insulated Butt Splice Connectors



MAXIMUM ELECTRIC CURRENT:

|     |     |    |    |    |    |    |    |    |    |    |    |     |
|-----|-----|----|----|----|----|----|----|----|----|----|----|-----|
| Awg | 26  | 24 | 22 | 20 | 18 | 16 | 14 | 12 | 10 | 8  | 6  | 4   |
| Amp | 5.5 | 7  | 9  | 12 | 17 | 18 | 30 | 35 | 50 | 70 | 95 | 125 |

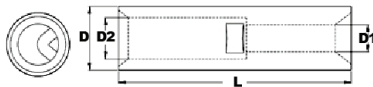
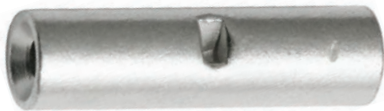
MAXIMUM ELECTRIC RATING: 302°F (150°C) 600V

CONNECTOR MATERIAL: Electro-Tin Plated Tubular Copper

Dimensions = Inches

| Cat. No. | Wire Size AWG | L     | D    | d1   | Bag Qty | Master Bag Qty |
|----------|---------------|-------|------|------|---------|----------------|
| 12102    | 26-22         | .472  | .083 | .051 | 100     | 1,000          |
| 12104    | 22-16         | .591  | .130 | .067 | 100     | 1,000          |
| 12106    | 16-14         | .591  | .154 | .091 | 100     | 1,000          |
| 12108    | 12-10         | .591  | .213 | .134 | 100     | 1,000          |
| 12110    | 8             | .827  | .276 | .181 | 100     | -              |
| 12112    | 6             | 1.024 | .350 | .232 | 100     | -              |
| 12114    | 4             | 1.142 | .445 | .307 | 100     | -              |
| 12115    | 2             | 1.260 | .520 | .374 | 100     | -              |

## Non-Insulated Reducing Butt Splice Connector



MAXIMUM ELECTRIC CURRENT:

|     |     |    |    |    |    |    |    |    |    |    |    |     |
|-----|-----|----|----|----|----|----|----|----|----|----|----|-----|
| Awg | 26  | 24 | 22 | 20 | 18 | 16 | 14 | 12 | 10 | 8  | 6  | 4   |
| Amp | 5.5 | 7  | 9  | 12 | 17 | 18 | 30 | 35 | 50 | 70 | 95 | 125 |

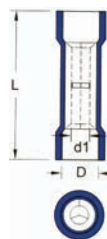
MAXIMUM ELECTRIC RATING: 302°F (150°C) 600 Volts

TERMINAL MATERIAL: Electro-Tin Plated Copper

Dimensions = Inches

| Cat. No. | Wire Range AWG | L     | D    | d1   | D2   | Bag Qty | Master Bag Qty |
|----------|----------------|-------|------|------|------|---------|----------------|
| 12116    | 16-14 To 22-18 | .591  | .154 | .067 | .091 | 100     | 1,000          |
| 12117    | 12-10 To 22-18 | .787  | .213 | .067 | .134 | 100     | 1,000          |
| 12118    | 12-10 To 16-14 | .787  | .213 | .091 | .138 | 100     | 1,000          |
| 12119    | 8 To 16-14     | .827  | .067 | .091 | .181 | 100     | 1,000          |
| 12120    | 8 To 12-10     | .827  | .067 | .138 | .181 | 100     | 1,000          |
| 12121    | 6 To 8         | 1.024 | .351 | .181 | .232 | 100     | 1,000          |

## Vinyl Insulated Butt Splice Connectors



MAXIMUM ELECTRIC CURRENT:

|     |    |    |    |    |    |    |    |    |    |     |     |
|-----|----|----|----|----|----|----|----|----|----|-----|-----|
| Awg | 22 | 20 | 18 | 16 | 14 | 12 | 10 | 8  | 6  | 4   | 2   |
| Amp | 9  | 12 | 17 | 18 | 30 | 35 | 50 | 70 | 95 | 125 | 170 |

MAXIMUM ELECTRIC RATING: 167°F (75°C) 600 Volts

CONNECTOR MATERIAL: Electro-Tin Plated Tubular Copper

INSULATION MATERIAL: Vinyl

FEATURES: Expanded Insulation

Dimensions = Inches

| Cat. No. | Color  | Wire Size AWG | L     | D    | d1   | Material       | Bag Qty | Master Bag Qty |
|----------|--------|---------------|-------|------|------|----------------|---------|----------------|
| 10182    | Red    | 22-16         | .969  | .157 | .067 | Copper Plate   | 100     | 1,000          |
| 10184    | Blue   | 16-14         | .969  | .177 | .091 | Copper Plate   | 100     | 1,000          |
| 10186    | Yellow | 12-10         | 1.043 | .248 | .134 | Copper Plate   | 100     | 1,000          |
| 12128    | Red    | 8             | 1.398 | .335 | .177 | Tubular Copper | 100     | -              |
| 12130    | Blue   | 6             | 1.772 | .413 | .232 | Tubular Copper | 100     | -              |
| 12132    | Yellow | 4             | 2.067 | .488 | .307 | Tubular Copper | 100     | -              |
| 12134    | Red    | 2             | 2.165 | .610 | .374 | Tubular Copper | 100     | -              |

### Vinyl Insulated Reducing Butt Splice Connector

MAXIMUM ELECTRIC CURRENT:

|     |    |    |    |    |    |    |    |
|-----|----|----|----|----|----|----|----|
| Awg | 22 | 20 | 18 | 16 | 14 | 12 | 10 |
| Amp | 9  | 12 | 17 | 18 | 30 | 35 | 50 |

**MAXIMUM ELECTRIC RATING:** 167°F (75°C) 600 Volts

**INSULATION MATERIAL:** Vinyl

**TERMINAL MATERIAL:** Electro-Tin Plated Copper Brazed Seam



Dimensions = Inches

| Cat. No. | Wire Range AWG | Color Code            | L     | D    | d1   | D2   | Bag Qty | Master Bag Qty |
|----------|----------------|-----------------------|-------|------|------|------|---------|----------------|
| 12135    | 16-14 To 22-18 | Blue with Red Ring    | .965  | .177 | .067 | .091 | 100     | 1,000          |
| 12136    | 12-10 To 22-18 | Yellow with Red Ring  | 1.22  | .248 | .067 | .134 | 100     | 1,000          |
| 12137    | 12-10 To 16-14 | Yellow with Blue Ring | 1.22  | .248 | .091 | .134 | 100     | 1,000          |
| 12138    | 8 To 16-14     | Red with Blue Ring    | 1.406 | .335 | .091 | .177 | 100     | 1,000          |
| 12139    | 8 To 12-10     | Red with Yellow Ring  | 1.406 | .335 | .134 | .177 | 100     | -              |
| 12140    | 6 To #8        | Blue with Red Ring    | 1.172 | .413 | .177 | .232 | 100     | -              |

### Nylon Insulated Butt Splice Connectors

MAXIMUM ELECTRIC CURRENT:

|     |     |    |    |    |    |    |    |    |    |
|-----|-----|----|----|----|----|----|----|----|----|
| Awg | 26  | 24 | 22 | 20 | 18 | 16 | 14 | 12 | 10 |
| Amp | 5.5 | 7  | 9  | 12 | 17 | 18 | 30 | 35 | 50 |

**MAXIMUM ELECTRIC RATING:** 221°F (105°C) 600 Volts

**CONNECTOR MATERIAL:** Copper

**INSULATION MATERIAL:** Nylon

**FEATURES:** Expanded Insulation



Dimensions = Inches

| Cat. No. | Color  | Wire Size AWG | L     | D    | d1   | Material       | Bag Qty | Master Bag Qty |
|----------|--------|---------------|-------|------|------|----------------|---------|----------------|
| 12142    | Yellow | 26-22         | .787  | .079 | .051 | Tubular Copper | 100     | 1,000          |
| 12144    | Red    | 22-16         | 1.075 | .126 | .067 | Copper Plate   | 100     | 1,000          |
| 12146    | Blue   | 16-14         | 1.075 | .150 | .091 | Copper Plate   | 100     | 1,000          |
| 12148    | Yellow | 12-10         | 1.075 | .209 | .134 | Copper Plate   | 100     | 1,000          |
| 12149    | Red    | 8             | 1.457 | .272 | .181 | Copper Plate   | 100     | -              |

### Nylon Insulated Butt Splice Connector Flared Entry

MAXIMUM ELECTRIC CURRENT:

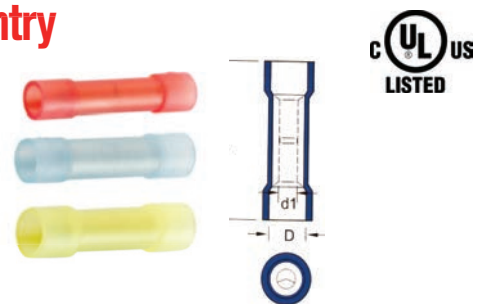
|     |    |    |    |    |    |    |    |
|-----|----|----|----|----|----|----|----|
| Awg | 22 | 20 | 18 | 16 | 14 | 12 | 10 |
| Amp | 9  | 12 | 17 | 18 | 30 | 35 | 50 |

**MAXIMUM ELECTRIC RATING:** 221°F (105°C) 600 Volts

**CONNECTOR MATERIAL:** Copper

**INSULATION MATERIAL:** Nylon

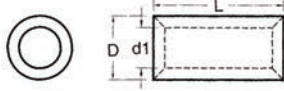
**FEATURES:** Expanded Insulation



Dimensions = Inches

| Cat. No. | Color  | Wire Size AWG | L    | D    | d1   | Bag Qty | Master Bag Qty |
|----------|--------|---------------|------|------|------|---------|----------------|
| 12192    | Red    | 22-16         | .992 | .157 | .067 | 100     | 1,000          |
| 12193    | Blue   | 16-14         | .992 | .177 | .091 | 100     | 1,000          |
| 12194    | Yellow | 12-10         | 1.11 | .248 | .134 | 100     | 1,000          |

## Non-Insulated Parallel Connectors



MAXIMUM ELECTRIC CURRENT:

|     |    |    |    |    |    |    |    |
|-----|----|----|----|----|----|----|----|
| Awg | 22 | 20 | 18 | 16 | 14 | 12 | 10 |
| Amp | 9  | 12 | 17 | 18 | 30 | 35 | 50 |

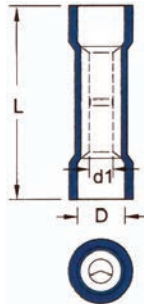
MAXIMUM ELECTRIC RATING: 221°F (150°C) 600V

CONNECTOR MATERIAL: Electro-Tin Plated Tubular Copper

Dimensions = Inches

| Cat. No. | Wire Size AWG | L    | D    | D1   | Bag Qty | Master Bag Qty |
|----------|---------------|------|------|------|---------|----------------|
| 12151    | 26-22         | .197 | .083 | .051 | 100     | 1,000          |
| 12152    | 22-16         | .315 | .130 | .067 | 100     | 1,000          |
| 12154    | 16-14         | .315 | .154 | .091 | 100     | 1,000          |
| 12156    | 12-10         | .335 | .213 | .134 | 100     | 1,000          |
| 12157    | 8             | .374 | .276 | .181 | 100     | -              |
| 12158    | 6             | .433 | .350 | .232 | 100     | -              |
| 12159    | 4             | .531 | .445 | .307 | 100     | -              |
| 12160    | 2             | .650 | .520 | .374 | 100     | -              |

## Vinyl Insulated Parallel Connectors



MAXIMUM ELECTRIC CURRENT:

|     |    |    |    |    |    |    |    |
|-----|----|----|----|----|----|----|----|
| Awg | 22 | 20 | 18 | 16 | 14 | 12 | 10 |
| Amp | 9  | 12 | 17 | 18 | 30 | 35 | 50 |

167°F (75°C) 600 Volts

Electro-Tin Plated Tubular Copper

Vinyl

Expanded Insulation

Dimensions = Inches

| Cat. No. | Color  | Wire Size AWG | L    | D    | d1   | Bag Qty | Master Bag Qty |
|----------|--------|---------------|------|------|------|---------|----------------|
| 12162    | Red    | 22-16         | .650 | .157 | .067 | 100     | 1,000          |
| 12164    | Blue   | 16-14         | .650 | .177 | .091 | 100     | 1,000          |
| 12166    | Yellow | 12-10         | .795 | .248 | .134 | 100     | 1,000          |

### Heat Shrinkable - Ring Terminals

MAXIMUM ELECTRIC CURRENT:

|     |    |    |    |    |    |    |    |
|-----|----|----|----|----|----|----|----|
| Awg | 22 | 20 | 18 | 16 | 14 | 12 | 10 |
| Amp | 9  | 12 | 17 | 18 | 30 | 35 | 50 |

**MAXIMUM ELECTRIC RATING:** 600 Volts

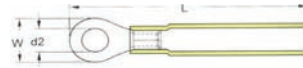
**SHRINK TEMP:** 302°F (150°C)

**RESISTANT TEMP:** 14°F ~ 221°F(-10°C ~ 105°C)

**INSULATION MATERIAL:** High Density PE Heat Shrink

**TERMINAL MATERIAL:** Electro-Tin Plated Copper

**FEATURES:** Brazed Seam, Serrated Barrel



Dimensions = Inches

| Cat. No. | Color  | Wire Size AWG | d2   | W    | L     | Bag Qty | Master Bag Qty |
|----------|--------|---------------|------|------|-------|---------|----------------|
| 12212    | Red    | 22-16         | #6   | .217 | .984  | 100     | 1,000          |
| 12214    | Red    | 22-16         | #8   | .315 | 1.122 | 100     | 1,000          |
| 12216    | Red    | 22-16         | #10  | .315 | 1.122 | 100     | 1,000          |
| 12218    | Red    | 22-16         | 1/4  | .457 | 1.358 | 100     | 1,000          |
| 12220    | Red    | 22-16         | 5/16 | .457 | 1.358 | 100     | 1,000          |
| 12222    | Red    | 22-16         | 3/8  | .535 | 1.476 | 100     | 1,000          |
| 12224    | Blue   | 16-14         | #6   | .260 | 1.043 | 100     | 1,000          |
| 12226    | Blue   | 16-14         | #8   | .335 | 1.201 | 100     | 1,000          |
| 12228    | Blue   | 16-14         | #10  | .374 | 1.201 | 100     | 1,000          |
| 12230    | Blue   | 16-14         | 1/4  | .472 | 1.398 | 100     | 1,000          |
| 12232    | Blue   | 16-14         | 5/16 | .472 | 1.398 | 100     | 1,000          |
| 12234    | Blue   | 16-14         | 3/8  | .535 | 1.476 | 100     | 1,000          |
| 12236    | Yellow | 12-10         | #8   | .374 | 1.339 | 100     | 1,000          |
| 12238    | Yellow | 12-10         | #10  | .472 | 1.476 | 100     | 1,000          |
| 12240    | Yellow | 12-10         | 1/4  | .591 | 1.654 | 100     | 1,000          |
| 12242    | Yellow | 12-10         | 5/16 | .591 | 1.654 | 100     | 1,000          |
| 12244    | Yellow | 12-10         | 3/8  | .756 | 1.831 | 100     | 1,000          |
| 12246    | Yellow | 12-10         | 1/2  | .756 | 1.831 | 100     | 1,000          |
| 12250    | Red    | 8             | 5/16 | .591 | 1.693 | 100     | -              |
| 12251    | Red    | 8             | 3/8  | .591 | 1.693 | 100     | -              |

### Heat Shrinkable - Spade Terminals

MAXIMUM ELECTRIC CURRENT:

|     |    |    |    |    |    |    |    |
|-----|----|----|----|----|----|----|----|
| Awg | 22 | 20 | 18 | 16 | 14 | 12 | 10 |
| Amp | 9  | 12 | 17 | 18 | 30 | 35 | 50 |

**MAXIMUM ELECTRIC RATING:** 600 Volts

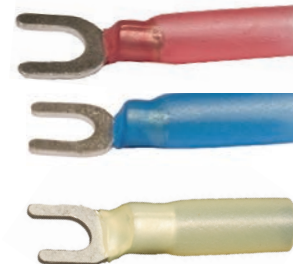
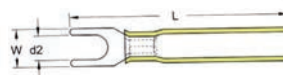
**SHRINK TEMP:** 302°F (150°C)

**RESISTANT TEMP:** 14°F ~ 221°F(-10°C ~ 105°C)

**INSULATION MATERIAL:** High Density PE Heat Shrink

**TERMINAL MATERIAL:** Electro-Tin Plated Copper

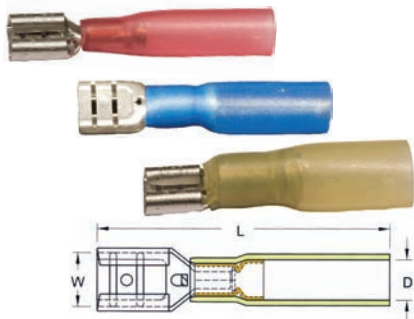
**FEATURES:** Serrated Barrel, Brazed Seam



Dimensions = Inches

| Cat. No. | Color  | Wire Size AWG | d2  | W    | L     | Bag Qty | Master Bag Qty |
|----------|--------|---------------|-----|------|-------|---------|----------------|
| 12252    | Red    | 22-16         | #6  | .252 | 1.154 | 100     | 1,000          |
| 12254    | Red    | 22-16         | #8  | .283 | 1.165 | 100     | 1,000          |
| 12256    | Red    | 22-16         | #10 | .374 | 1.181 | 100     | 1,000          |
| 12257    | Blue   | 16-14         | #4  | .224 | 1.122 | 100     | 1,000          |
| 12258    | Blue   | 16-14         | #6  | .236 | 1.122 | 100     | 1,000          |
| 12260    | Blue   | 16-14         | #8  | .283 | 1.161 | 100     | 1,000          |
| 12262    | Blue   | 16-14         | #10 | .366 | 1.201 | 100     | 1,000          |
| 12264    | Yellow | 12-10         | #8  | .354 | 1.319 | 100     | 1,000          |
| 12266    | Yellow | 12-10         | #10 | .354 | 1.319 | 100     | 1,000          |
| 12268    | Yellow | 12-10         | 1/4 | .472 | 1.614 | 100     | 1,000          |

## Heat Shrinkable - Female Disconnects



MAXIMUM ELECTRIC CURRENT:

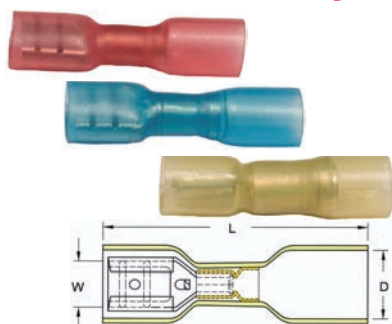
|     |    |    |    |    |    |    |    |
|-----|----|----|----|----|----|----|----|
| Awg | 22 | 20 | 18 | 16 | 14 | 12 | 10 |
| Amp | 3  | 4  | 7  | 10 | 15 | 20 | 24 |

**MAXIMUM ELECTRIC RATING:** 300 Volts**SHRINK TEMP:** 302°F (150°C)**RESISTANT TEMP:** 14°F ~ 221°F (-26°C ~ 105°C)**INSULATION MATERIAL:** High Density PE Heat Shrink**DOUBLE CRIMP:** Extended Copper Sleeve**TERMINAL MATERIAL:** Electro-Tin Plated Brass**FEATURES:** Serrated Barrel

Dimensions = Inches

| Cat. No. | Color  | Wire Size AWG | NEMA TAB   | W    | D    | L     | Bag Qty | Master Bag Qty |
|----------|--------|---------------|------------|------|------|-------|---------|----------------|
| 12272    | Red    | 22-16         | .032 X.250 | .260 | .217 | 1.339 | 100     | 1,000          |
| 12274    | Blue   | 16-14         | .032 X.250 | .260 | .236 | 1.339 | 100     | 1,000          |
| 12276    | Yellow | 12-10         | .032 X.250 | .260 | .319 | 1.378 | 100     | 1,000          |

## Heat Shrinkable - Fully Insulated Female Disconnects



MAXIMUM ELECTRIC CURRENT:

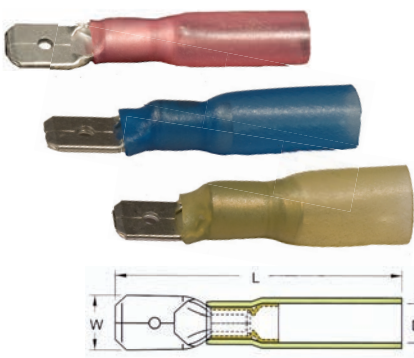
|     |    |    |    |    |    |    |    |
|-----|----|----|----|----|----|----|----|
| Awg | 22 | 20 | 18 | 16 | 14 | 12 | 10 |
| Amp | 3  | 4  | 7  | 10 | 15 | 20 | 24 |

**MAXIMUM ELECTRIC RATING:** 300 Volts**SHRINK TEMP:** 302°F (150°C)**RESISTANT TEMP:** 14°F ~ 221°F (-26°C ~ 105°C)**INSULATION MATERIAL:** High Density PE Heat Shrink**DOUBLE CRIMP:** Extended Copper Sleeve**TERMINAL MATERIAL:** Electro-Tin Plated Brass**FEATURES:** Serrated Barrel

Dimensions = Inches

| Cat. No. | Color  | Wire Size AWG | NEMA TAB   | W    | D    | L     | Bag Qty | Box Qty |
|----------|--------|---------------|------------|------|------|-------|---------|---------|
| 12282    | Red    | 22-16         | .032 X.250 | .260 | .256 | 1.102 | 100     | 1,000   |
| 12284    | Blue   | 16-14         | .032 X.250 | .260 | .256 | 1.102 | 100     | 1,000   |
| 12286    | Yellow | 12-10         | .032 X.250 | .260 | .295 | 1.102 | 100     | 1,000   |

## Heat Shrinkable - Male Disconnects



MAXIMUM ELECTRIC CURRENT:

|     |    |    |    |    |    |    |    |
|-----|----|----|----|----|----|----|----|
| Awg | 22 | 20 | 18 | 16 | 14 | 12 | 10 |
| Amp | 3  | 4  | 7  | 10 | 15 | 20 | 24 |

**MAXIMUM ELECTRIC RATING:** 300 Volts**SHRINK TEMP:** 302°F (150°C)**RESISTANT TEMP:** 14°F ~ 221°F (-26°C ~ 105°C)**INSULATION MATERIAL:** High Density PE Heat Shrink**DOUBLE CRIMP:** Extended Copper Sleeve**TERMINAL MATERIAL:** Electro-Tin Plated Brass**FEATURES:** Serrated Barrel

Dimensions = Inches

| Cat. No. | Color  | Wire Size AWG | NEMA TAB   | W    | D    | L     | Bag Qty | Master Bag Qty |
|----------|--------|---------------|------------|------|------|-------|---------|----------------|
| 12292    | Red    | 22-16         | .032 X.250 | .250 | .217 | 1.339 | 100     | 1,000          |
| 12294    | Blue   | 16-14         | .032 X.250 | .250 | .236 | 1.339 | 100     | 1,000          |
| 12296    | Yellow | 12-10         | .032 X.250 | .250 | .319 | 1.378 | 100     | 1,000          |



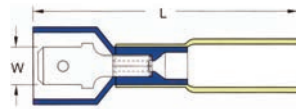
### Heat Shrinkable - Nylon Fully Insulated Male Disconnects



MAXIMUM ELECTRIC CURRENT:

|     |    |    |    |    |    |    |    |
|-----|----|----|----|----|----|----|----|
| Awg | 22 | 20 | 18 | 16 | 14 | 12 | 10 |
| Amp | 3  | 4  | 7  | 10 | 15 | 20 | 24 |

300 Volts  
 302°F (150°C)  
 -40°F ~ 221°F (-40°C ~ 105°C)  
 Nylon & High Density PE Heat Shrink  
 Electro-Tin Plated Brass



Dimensions = Inches

| Cat. No. | Color  | Wire Size AWG | Tab Size    | L     | W   | D    | Bag Qty | Master Bag Qty |
|----------|--------|---------------|-------------|-------|-----|------|---------|----------------|
| 12277    | Red    | 22-16         | .032 x .250 | 1.516 | .25 | .256 | 100     | 1,000          |
| 12278    | Blue   | 16-14         | .032 x .250 | 1.555 | .25 | .256 | 100     | 1,000          |
| 12279    | Yellow | 12-10         | .032 x .250 | 1.555 | .26 | .295 | 100     | 1,000          |

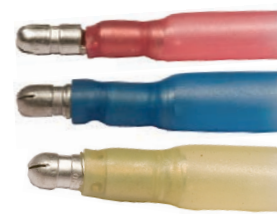
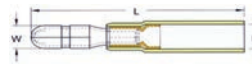
### Heat Shrinkable - Bullet Disconnects



MAXIMUM ELECTRIC CURRENT:

|     |    |    |    |    |    |    |    |
|-----|----|----|----|----|----|----|----|
| Awg | 22 | 20 | 18 | 16 | 14 | 12 | 10 |
| Amp | 3  | 4  | 7  | 10 | 15 | 20 | 24 |

**MAXIMUM ELECTRIC RATING:** 300 Volts  
**SHRINK TEMP:** 302°F (150°C)  
**RESISTANT TEMP:** 14°F ~ 221°F (-26°C ~ 105°C)  
**INSULATION MATERIAL:** High Density PE Heat Shrink  
**DOUBLE CRIMP:** Extended Copper Sleeve  
**TERMINAL MATERIAL:** Electro-Tin Plated Brass  
**FEATURES:** Serrated Barrel



Dimensions = Inches

| Cat. No. | Color  | Wire Size AWG | W    | D    | L     | Bag Qty | Box Qty |
|----------|--------|---------------|------|------|-------|---------|---------|
| 12312    | Red    | 22-16         | .157 | .217 | 1.299 | 100     | 1,000   |
| 12314    | Blue   | 16-14         | .157 | .236 | 1.299 | 100     | 1,000   |
| 12316    | Blue   | 16-14         | .197 | .236 | 1.299 | 100     | 1,000   |
| 12318    | Yellow | 12-10         | .197 | .319 | 1.398 | 100     | 1,000   |

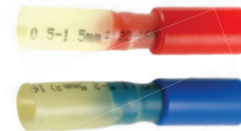
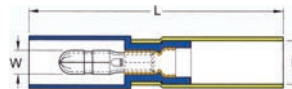
### Heat Shrinkable - Nylon Fully Insulated Bullet Disconnects



MAXIMUM ELECTRIC CURRENT:

|     |    |    |    |    |    |
|-----|----|----|----|----|----|
| Awg | 22 | 20 | 18 | 16 | 14 |
| Amp | 3  | 4  | 7  | 10 | 15 |

**MAXIMUM ELECTRIC RATING:** 300 Volts  
**SHRINK TEMP:** 302°F (150°C)  
**INSULATION MATERIAL:** Nylon with High Density PE Heat Shrink  
**TERMINAL MATERIAL:** Electro-Tin Plated Tubular Brass



Dimensions = Inches

| Cat. No. | Color | Wire Size AWG | Dia (W) | L     | W   | D    | Bag Qty | Master Bag Qty |
|----------|-------|---------------|---------|-------|-----|------|---------|----------------|
| 12319    | Red   | 22-16         | .157    | 1.654 | .25 | .256 | 100     | 1,000          |
| 12320    | Blue  | 16-14         | .157    | 1.555 | .25 | .256 | 100     | 1,000          |

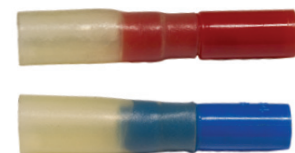
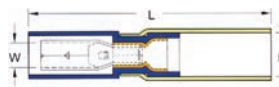
### Heat Shrinkable - Fully Insulated Receptacle Disconnects



**MAXIMUM ELECTRIC RATING:** 300 Volts  
**SHRINK TEMP:** 302°F (150°C)  
**RESISTANT TEMP:** 14°F ~ 221°F (-26°C ~ 105°C)  
**INSULATION MATERIAL:** Nylon with High Density PE Heat Shrink  
**DOUBLE CRIMP:** Extended Copper Sleeve  
**TERMINAL MATERIAL:** Electro-Tin Plated Brass  
**FEATURES:** Serrated Barrel

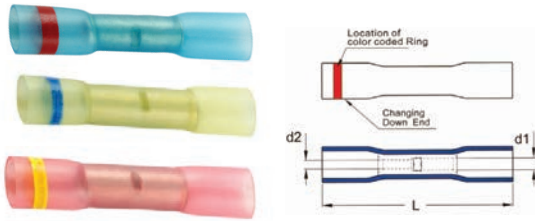
|     |    |    |    |    |    |    |    |
|-----|----|----|----|----|----|----|----|
| Awg | 22 | 20 | 18 | 16 | 14 | 12 | 10 |
| Amp | 3  | 4  | 7  | 10 | 15 | 20 | 24 |

Dimensions = Inches



| Cat. No. | Color | Wire Size AWG | W    | D    | L     | Bag Qty | Master Bag Qty |
|----------|-------|---------------|------|------|-------|---------|----------------|
| 12322    | Red   | 22-16         | .154 | .256 | 1.594 | 100     | 1,000          |
| 12324    | Blue  | 16-14         | .154 | .295 | 1.594 | 100     | 1,000          |

# Heat Shrinkable - Nylon Reducing Butt Splice Connector



MAXIMUM ELECTRIC CURRENT:

|     |    |    |    |    |    |    |    |
|-----|----|----|----|----|----|----|----|
| Awg | 22 | 20 | 18 | 16 | 14 | 12 | 10 |
| Amp | 9  | 12 | 17 | 18 | 30 | 35 | 50 |



ΜΑΧΙΜΟΝ ΗΓΕΣΤΕΡΙΟΝ ΣΥΜΒΕΒΗΛ:

**MAXIMUM ELECTRIC RATING:** 600 Volts

**SHRINK TEMP:** 302°F (150°C)

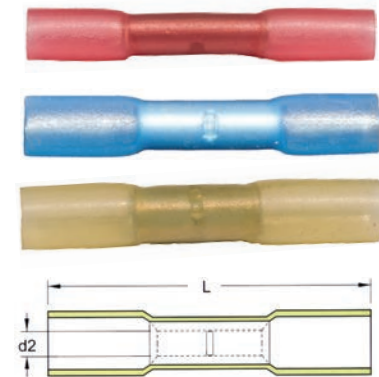
**INSULATION MATERIAL:** Nylon w/ High Density PE Heat Shrink

**TERMINAL MATERIAL:** Brass

Dimensions = Inches

| Cat. No. | Wire Range AWG | Color Code            | L     | d1   | d2   | Bag Qty | Master Bag Qty |
|----------|----------------|-----------------------|-------|------|------|---------|----------------|
| 12340    | 16-14 To 22-16 | Blue with Red Ring    | 1.417 | .091 | .087 | 100     | 1,000          |
| 12341    | 12-10 To 16-14 | Yellow with Blue Ring | 1.614 | .134 | .091 | 100     | 1,000          |
| 12342    | 8 To 16-14     | Red with Blue Ring    | 1.909 | .181 | .091 | 100     | 1,000          |
| 12343    | 8 To 12-10     | Red with Yellow Ring  | 1.909 | .181 | .138 | 100     | 1,000          |

# Heat Shrinkable - Butt Splices



MAXIMUM ELECTRIC CURRENT:

|     |    |    |    |    |    |    |    |
|-----|----|----|----|----|----|----|----|
| Awg | 22 | 20 | 18 | 16 | 14 | 12 | 10 |
| Amp | 9  | 12 | 17 | 18 | 30 | 35 | 50 |



**MAXIMUM ELECTRIC RATING:** 600 Volts

**SHRINK TEMP:** 302°F (150°C)

**RESISTANT TEMP:** 14°F ~ 221°F (-26°C ~ 105°C)

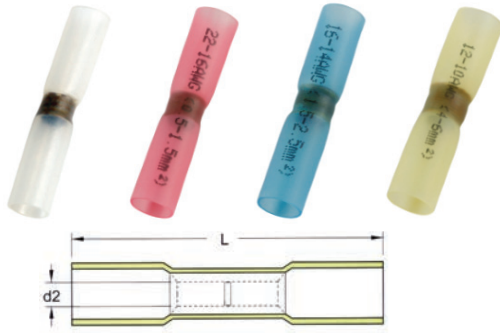
**INSULATION MATERIAL:** High Density PE Heat Shrink

**TERMINAL MATERIAL:** Electro Tin Plated Tubular Copper

Dimensions = Inches

| Cat. No. | Color  | Wire Size AWG | d2   | L     | Bag Qty | Master Bag Qty |
|----------|--------|---------------|------|-------|---------|----------------|
| 12331    | Clear  | 26-22         | .051 | 1.138 | 100     | 1,000          |
| 12332    | Red    | 22-16         | .067 | 1.417 | 100     | 1,000          |
| 12334    | Blue   | 16-14         | .091 | 1.417 | 100     | 1,000          |
| 12336    | Yellow | 12-10         | .134 | 1.614 | 100     | 1,000          |
| 12337    | Red    | 8             | .181 | 1.929 | 100     | -              |

### Heat Shrinkable - Parallel Splice Connector - Solder



MAXIMUM ELECTRIC CURRENT:

|     |     |    |    |    |    |    |    |    |    |
|-----|-----|----|----|----|----|----|----|----|----|
| Awg | 26  | 24 | 22 | 20 | 18 | 16 | 14 | 12 | 10 |
| Amp | 5.5 | 7  | 9  | 12 | 17 | 18 | 30 | 35 | 50 |



**MAXIMUM ELECTRIC RATING:** 600 Volts

**SHRINK TEMP:** 221°F (105°C)

**INSULATION MATERIAL:** High Density PE Heat Shrink

**TERMINAL MATERIAL:** Tubular Tin Solder

Note: This is a Solder (not crimp) termination

Dimensions = Inches

| Cat. No. | Color Code | Wire Range AWG | L    | d1   | D    | Bag Qty | Master Bag Qty |
|----------|------------|----------------|------|------|------|---------|----------------|
| 12345    | Clear      | 26-22          | .98  | .098 | .138 | 100     | 1,000          |
| 12346    | Red        | 22-16          | 1.46 | .165 | .217 | 100     | 1,000          |
| 12347    | Blue       | 16-14          | 1.46 | .185 | .252 | 100     | 1,000          |
| 12348    | Yellow     | 12-10          | 1.65 | .236 | .315 | 100     | 1,000          |

**DELAY ON MAKE TIMERS**

Ideal for compressor staging and stagger starting multiple motors and other equipment. Helps to reduce power surges. When power is applied to the input, the time delay begins. After the time delay is complete, the load energizes.

**ICM102, ICM102F**  
 DELAY ON MAKE TIMER (ICM102),  
 WITH 6" WIRE LEADS (ICM102F)



**FEATURES/BENEFITS**

- Universal voltage operation
- Higher 1.5 amp power rating
- Knob-adjustable time delays
- Works with anticipator-type thermostats
- One model replaces many in field
- Ideal for compressor staging
- Simple 2-wire hookup
- "F" suffix denotes 6" wire leads

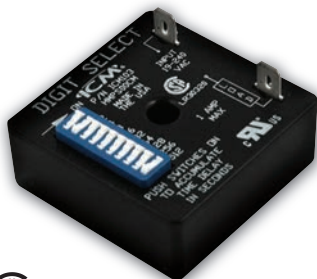
**SPECIFICATIONS**

- Voltage: 18-240 VAC
  - 1.5 amps • 15 amp inrush
  - 40 mA holding current
- Frequency: 50/60 Hz
- Adjustable delay: .03-10 min (1.8-600 secs)
- Voltage drop: 2.5 V @ 1.5 amps
- Dimensions: 2.00" x 2.00" x 1.25"

**REPLACES**

- ICM102
- A-1: EAC-701-ADJ • Diversified: AC-800
  - Gemline: 1C310, 1C213
  - Mars: 32019, 32391, 32367
  - Supco: TD69
  - Wagner/DiversiTech: ADM-1
- ICM102F
- Supco: TD69W
  - Wagner/DiversiTech: ADM-2

**ICM103**  
 DELAY ON MAKE TIMER



**FEATURES/BENEFITS**

- Highly precise digital timing
- Switch-settable time delays
- Ideal for ice machine applications
- Universal voltage operation
- Repeat accuracy .5% over voltage and temperature range

**SPECIFICATIONS**

- Voltage: 18-240 VAC
  - 1 amp • 10 amp inrush
  - 40 mA holding current
- Frequency: 50/60 Hz
- Switch-settable delays: Range from 1-1,023 sec.
- Voltage drop: 2.5 V @ 1 amp
- Dimensions: 2.00" x 2.00" x 1.25"

**REPLACES**

- A-1: 7061 • Gemline: 1C213
- Ice-O-Matic: TD3001A
- Mars: 32394, 32396
- Robertshaw: 3310-068
- Supco: TMF-19, TMF-80

**ICM104**  
 DELAY ON MAKE TIMER



**FEATURES/BENEFITS**

- Highly precise digital circuitry
- High power, SPDT relay output
- Input to output isolation
- Works with anticipator-type thermostats
- Repeat accuracy .5% over voltage and temperature range
- Rugged, compact package

**SPECIFICATIONS**

- Control voltage: 18-30 VAC
- Frequency: 50/60 Hz
- Output:
  - N.O.: 20 amps @ 240 VAC
  - N.C.: 10 amps @ 240 VAC
- Form: SPDT, 1 form C
- Knob-adj. time delay: 10-1,000
- Dimensions: 2.00" x 3.00" x 1.25"

**REPLACES**

- Mars: 32394/32398



### DELAY ON BREAK TIMERS

Helps to protect your equipment from damage which may be caused by the rapid short cycling of compressors. Upon application of power, the load is energized. When the thermostat or other switch opens or there is a loss of power, the load is de-energized and the delay period begins. The compressor will not start again during the delay period. Restart occurs after the delay period has elapsed.

#### ICM203, ICM203F

DELAY ON BREAK TIMER (ICM203),  
WITH 6" WIRE LEADS (ICM203F)



ICM203F

#### FEATURES/BENEFITS

- Universal voltage operation
- Higher 1.5 amp power rating
- Compressor lockout/anti-short cycle timer
- Helps to protect compressors from damage caused by rapid short cycling
- Simple, 2-wire hookup
- "F" suffix denotes 6" wire leads

#### SPECIFICATIONS

- Voltage: 18-240 VAC
  - 1.5 amps, 15 amp inrush
- Frequency: 50/60 Hz
- Knob-adjustable delays: .03-10 min. (1.8-600 sec.)
- Voltage drop: 3.5 V typical, 4.5 V max. @ 1.5 amps
- Holding current min.: 40 mA
- Dimensions: 2.00" x 2.00" x 1.25"

#### REPLACES

ICM203

- A-1: EAC-501-ADJ • Diversified: AC-503
- Mars: 32001, 32387, 32392
- Robertshaw: 3310-072 • Supco: TD72, TD73
- Wagner/DiversiTech: ADB-1

ICM203F

- Supco: TD73W
- Wagner/DiversiTech: ADB-2

### BYPASS TIMERS

Designed to bypass a control or device during startup. Typically used to bypass a low pressure switch during compressor heat pump startup or to bypass an oil pressure switch upon startup. Helps to eliminate nuisance lockouts. With power applied to the input, the load energizes immediately and remains energized for the length of the time delay, regardless of the state of the switch being bypassed. At the end of the time delay, the condition of the load is determined by the state of the switch.

#### ICM175 BYPASS TIMER



#### FEATURES/BENEFITS

- Designed to bypass a low pressure switch or other device during startup
- Ideal for low ambient startups
- Key component for "winter start" kits
- Helps to reduce nuisance lockouts
- Universal AC voltage operation
- Knob-adjustable time delay
- Epoxy-encapsulated circuitry

#### SPECIFICATIONS

- Voltage: 18-240 VAC
  - 1 amps • 10 amp inrush
  - 40 mA holding current
- Frequency: 50/60 Hz
- Knob adjustable time delay: 10-1,000 sec.
- Dimensions: 2.00" x 2.00" x 1.25"

#### REPLACES

- Mars: 32395 • Supco: TD32





**MOTOR PROTECTION CONTROL - 3-PHASE LINE VOLTAGE MONITORS • FULL PERFORMANCE**

ICM's full performance line voltage monitors offer complete system protection by monitoring both the line (front) and load (back) side of the system including the power, motor and contactor lines. In addition, an integral "delay on break timer" guards against rapid short cycling at both the control circuit and the 3-phase lines. Provides highly reliable protection for your valuable equipment.

**ICM450A & ICM450A PLUS+**  
PROGRAMMABLE 3-PHASE LINE VOLTAGE MONITORS

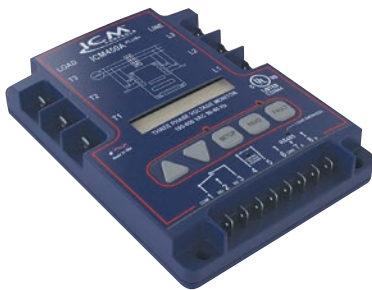


- Backlit LCD
- Simultaneous 3-phase true RMS voltage monitoring
- Factory calibrated
- 3-phase voltages simultaneously displayed on LCD
- Fault memory
- Fault monitoring: High / low voltage, voltage unbalance, phase loss, phase reversal
- Real time clock, date and time stamped events (ICM450A PLUS+ only)
- Simple configuration
- Fully adjustable variables
- Modbus RS485 communication port (ICM450A PLUS+ only)
- LED indicators
- Common 1/4" quick connect terminations
- English or Spanish menu options

**ICM450A**



E53944



**ICM450A PLUS+**

**SPECIFICATIONS**

Input

- Line voltage: Universal, 190-600 VAC
- Frequency: 50-60 Hz
- Load side monitoring: Optional
- Voltage: 18-240 VAC

Output

- Type: Relay, SPDT
- Voltage: 277 VAC @ 6A maximum

Control Operating Temperature

- Operating temperature: -40°F to +149°F (-40°C to +65°C)
- Storage temperature: -40°F to +185°F (-40°C to +85°C)

Mechanical

- Mounting: Surface mount using (2) #8 screws
- Terminations: 1/4" quick connects
- Weight: 12 ounces (341 grams)
- ModBus: RS485 Communication (ICM450A plus+)

- Dimensions: 6.50" x 4.75" x 1.09"

ORDERING INFORMATION

- ICM450A: Supersedes ICM450
- ICM450A PLUS+: Supersedes ICM450, ICM455

**REPLACES**

- A-1: EAC-800, EAC-8000, EAC-8002
- Copeland: 085-0160-00
- Diversified: AC-2020, AC-301, AC-302
- Mars: PFM-2000 • Motorsaver: 455
- SSAC: QLM, QLV • Time Mark: 265

**3-PHASE CURRENT / OVERLOAD RELAYS**

**ECA100-11 SERIES**  
MOTOR PROTECTION  
RELAYS



**FEATURES/BENEFITS**

- Measuring of Current, Voltage
- Adjustable Parameters: overload, after fault start up delay, start mode
- Four LED indicator lights for status/fault detection
- Reports: Load, Voltage, Current, Adjustment values, Start Mode, Last 20 Faults and power frequency
- Din rail, or flat surface mounting
- Comm Port ( MOBUS RTU protocol on RS485@9600 baud output)
- Meets IEEE, IEC & NEMA standards, UL Listed

**SPECIFICATIONS**

Models available

- ECA100-11-208012: 208/220VAC 3.5-12A
- ECA100-11-208032: 208/220VAC 10-32A
- ECA100-11-208080: 208/220VAC 25-80A
- ECA100-11-480032: 440/480VAC 10-32A
- ECA100-11-480080: 440/480VAC 25-80A

Protects against

- Overload • Over & Undervoltage
- Voltage Unbalance • Current Unbalance
- Single Phasing • Phase Reversal

**REPLACES**

- SymCom: 601, 601-575, 455, 455-575, 455-480R
- Wagner: DTP-3 • A-1: EAC-8002
- Time Mark: 274, 2744, 272, 2722



### 3-PHASE CURRENT / OVERLOAD RELAYS



#### ECA500-11 SERIES

#### TOTAL MOTOR PROTECTION RELAYS



#### FEATURES/BENEFITS

- Measuring of Current, Voltage, Frequency, Temperature, PF, KVA, KWH and KW
- Fully adjustable protection parameters
- LCD Display with 4 button operation
- Reports: Load, Voltage, Current, Frequency, PF, KVA, KWH & KW, Values, Run Time, Temperature, Start Mode, Last 20 Faults and more
- Din rail, Flat surface, or Flush mounting
- Comm Port (MOBUS RTU protocol on RS485@9600 baud output)
- Meets IEEE, IEC & NEMA standards, UL Listed

#### SPECIFICATIONS

Models available

- ECA500-11-208050: 208/220VAC 15-50A
- ECA500-11-208100: 208/220VAC 30-100A
- ECA500-11-208180: 208/220VAC 55-180A
- ECA500-11-208000: 208/220VAC CT External
- ECA500-11-480100: 440/480VAC 30-100A
- ECA500-11-480180: 440/480VAC 55-180A
- ECA500-11-480000: 440/480VAC CT External

Protects against

- Overload & Undercurrent • Over & Undervoltage • Frequency Shift • Voltage Unbalance • Current Unbalance • Single Phasing • Phase Reversal • Locked Rotor

#### REPLACES

- SymCom/MotorSaver: 777 Series, 520CS-115, 520CP
- Schneider Square: Motor Logic Plus 9065
- SEL: 701 • Telemecanique: LT6
- NASSAR: PM-31 • CAC: EOCR-3DM
- Time Mark: 2742

### PHASE LOSS AND REVERSAL PROTECTION • ULTRA LOW COST

#### ICM401A 3-PHASE MOTOR PROTECTION CONTROL



- Low cost 3-phase protection for single side
- Monitors for phase reversal
- Bright LED indicators for ON and FAULT
- Universal 3-phase input: 180-600 VAC
- Control voltage: 18-32 VAC
- Epoxy-encapsulated for moisture protection
- Patented: U.S. Patent No. 5,337,206

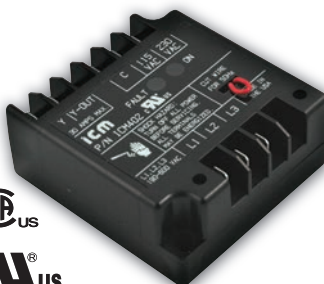
#### SPECIFICATIONS

- Voltage: 180-600 VAC
- Frequency: 50/60 Hz
- Control: 18-32 VAC
- Output:
  - Relay: SPDT
  - N.O.: 6 amps @ 32 VAC max
- Dimensions: 3.00" x 3.25" x 1.00"

#### REPLACES

- Mars: 32536
- Supco: TPMP2

#### ICM402 3-PHASE MOTOR PROTECTION CONTROL



- Low cost 3-phase protection for single side
- Monitors for phase reversal and phase loss
- Bright LED indicators for ON and FAULT
- Universal 3-phase input: 190-600 VAC
- Highly reliable passive electronics
- Epoxy coated for added protection
- Patented: U.S. Patent No. 5,337,206

#### SPECIFICATIONS

- Voltage: 190-600 VAC
- Frequency: 50/60 Hz
- Control: 115 or 208/230 VAC
- Output:
  - Relay: SPST
  - N.O.: 30 amps
- Dimensions: 3.00" x 3.20" x 1.35"

#### REPLACES

- Mars: 32536
- Supco: TPMP2



**3-PHASE MOTOR PROTECTORS**

**ICM441**  
3-PHASE MOTOR PROTECTION



**FEATURES/BENEFITS**

- Protects Against:
  - Under voltage
  - Over temperature
  - Power interruptions
  - Rapid short cycling
- Shorted temperature sensor
- Open temperature sensor
- Control duty, SPST relay layout
- Anti-short cycle time delay, 4 minutes (nominal)
- 1-second manual bypass

**SPECIFICATIONS**

- Control Voltages: 24 - 240 VAC
- 3-Phase Line Voltage: 208/460 VAC
- Frequency: 50/60 Hz
- Output:
  - Relay: SPST
  - N.O.: 6 amps resistive
- Dimensions: 3.00" x 3.20" x 1.35"

**REPLACES**

- Bristol: 241680
- Copeland: 071-0376-01, 071-0376-02, 071-0397-00, 071-0397-01, 071-0424-00, 071-0424-01, 071-9800-00, 071-9800-01
- Mars: 37300, 37302, 37304, 37306, 37322
- Texas Instruments: 15AA1600 B, 15AA1600 C, 15AA1603 B, 15AA1603 C, 31AA1600 E

**ICM442**  
3-PHASE MOTOR PROTECTION



**FEATURES/BENEFITS**

- Protects against over temperature in motor windings
- Uses up to four (4) 100 Ohm thermistors in series

**SPECIFICATIONS**

- 3-Phase Input Voltage: 200-575 VAC
- Frequency: 50/60 Hz
- Voltage unbalance: Adjustable: 2-25%
- Control: 115-277 VAC
- Heavy duty SPST relay output: 10 amps, 250 VAC
- Thermistors: Four (4) 100Ω thermistors in series
- Relay rating: 250 VAC at 10 A
- Dimensions: 3.00" x 3.20" x 1.35"

**ICM443**



**FEATURES/BENEFITS**

- Protects against over temperature in motor windings
- Uses up to four (4) 100 Ohm thermistors in series

**SPECIFICATIONS**

- Voltage: 200-575 VAC
- Frequency: 50/60 Hz
- Voltage unbalance: Adjustable: 2-25%
- Heavy duty SPST relay output: 10 amps, 250 VAC
- Control: 24 VAC
- Thermistors: Four (4) 100Ω thermistors in series
- Relay rating: 250 VAC at 10 A
- Dimensions: 3.00" x 3.20" x 1.35"

**ICM408**



- Reliable 3-phase protection for single side
- Monitors for phase reversal, phase loss, unbalance % and high/low voltage
- Bright LED indicators for ON and FAULT
- High/low voltage cut out:
  - High voltage cut out set point: +12%
  - Low voltage cut out set point: -12%
- Heavy duty SPDT
- Phase reversal detection: detects on power up
- 8-pin plug-in mount (base sold separately – Order: ACS-8)
- 11-pin plug-in mount (base sold separately – Order: ACS-11)

**SPECIFICATIONS**

- Voltage: 190-480 VAC
- Frequency: 50/60 Hz
- Adjustable DOB: .1-5 min.
- Adjustable DOM: .1-5 min.
- N.O./N.C. contacts: 10 amps resistive @ 250 VAC
- Power/phase loss detection: within 100 ms
- User selectable unbalance voltage: 2 to 8%
- User selectable delay on make: .1 to 5 minutes
- Dimensions: 2.89" x 2.40" x 1.79"

**REPLACES**

- Mars: 32532, 32534, 32540, 32541, 32542

## SINGLE-PHASE VOLTAGE MONITORS WITH SURGE PROTECTION

### ICM493

#### SINGLE PHASE LINE MONITOR WITH BUILT-IN SURGE SUPPRESSION



#### FEATURES/BENEFITS

- Protects against over and under voltage, rapid short cycling caused by transients, and high-power surges
- Fault history feature records and retains the five most recently occurred faults in non volatile memory
- Ideal for mini-splits or other condensing units
- Easy to view, backlit digital display
- Bank of five L-L surge arresters
- Built-in 40A contactor
- NEMA Type 3R rated metal enclosure for outdoor use
- Easy installation and setup

#### SPECIFICATIONS

- Voltage set point: 200-240 VAC
- Over/under voltage setting: 5% - 10%, adjustable
- Anti-short cycle delay: 0.5-10 min.
- # of surge arresters required for operation: 0-5
- Accuracy: +/- 2%, user calibration
- Contactor ratings: 40A FLA, 240A LRA
- Number of trials: 1-5, auto
- Line voltage: 195-264 VAC
- Frequency: 50/60 Hz
- Type: Contactor, 2-pole
- Dimensions: 8.00" x 8.25" x 4.30"

### ICM493-60A

#### SINGLE PHASE LINE MONITOR WITH BUILT-IN SURGE SUPPRESSION



#### FEATURES/BENEFITS

- Protects against over and under voltage, rapid short cycling caused by transients, and high-power surges
- Fault history feature records and retains the five most recently occurred faults in non volatile memory
- Ideal for mini-splits or other condensing units
- Easy to view, backlit digital display
- Bank of five L-L surge arresters
- Built-in 60A contactor
- NEMA Type 3R rated metal enclosure for outdoor use
- Easy installation and setup

#### SPECIFICATIONS

- Input: 195-264 VAC, 50/60Hz
- Voltage: 240 VAC
- FLA: 60A, LRA: 360A
- Operating/storage/LCD temperature: -40°F to 167°F
- Enclosure: Weather resistant, NEMA 3R rated for outdoor installation
- ASC time delay: 0.5-10 minutes
- # of trials: 1-5, auto
- # of movistors: 0-5
- Dimensions: 8.00" x 10.00" x 6.00"



## SINGLE PHASE VOLTAGE MONITORS

### ICM492

#### SINGLE PHASE DIGITAL LINE VOLTAGE MONITOR



#### FEATURES/BENEFITS

- Protects against over and under voltage, and rapid short cycling caused by transient faults and power interruptions
- Easy-view, backlit digital display
- Adjustable voltage set point
- Adjustable anti-short cycle time delay
- Adjustable response time
- Control mode (optional)
- 5-fault memory
- Universal line voltage input
- Heavy duty SPDT relay output
- Universal control voltage input (for integrating a thermostat)

#### SPECIFICATIONS

User adjustable settings:

- Line voltage set point: 80-300 VAC
- Anti-short cycle time delay: 0-720 seconds
- Over/under voltage setting: 5-25%
- Control mode: ON and OFF
- Response time: 0.1-10 seconds
- Line voltage: 80-300 VAC
- Frequency: 50/60 Hz
- Accuracy:  $\pm 2\%$
- Low power consumption:
  - Maximum 50 mA @ 120 VAC
  - Maximum 100 mA @ 240 VAC
- Control voltage: 18-240 VAC
- Relay type: Dry relay contacts
- Form: SPDT
- Relay contact ratings:
  - N.C. contacts: 10A resistive @ 277 VAC
  - N.O. contacts: 10A resistive @ 277 VAC
- Dimensions: 3.00" x 3.20" x 1.35"

#### REPLACES

- Wagner/DiversiTech: DSP-1



## SINGLE-PHASE VOLTAGE MONITORS WITH SURGE PROTECTION

### ICM493

#### SINGLE PHASE LINE MONITOR WITH BUILT-IN SURGE SUPPRESSION



- Protects against over and under voltage, rapid short cycling caused by transients, and high-power surges
- Fault history feature records and retains the five most recently occurred faults in non volatile memory
- Ideal for mini-splits or other condensing units
- Easy to view, backlit digital display
- Bank of five L-L surge arresters
- Built-in 40A contactor
- NEMA Type 3R rated metal enclosure for outdoor use
- Easy installation and setup

#### SPECIFICATIONS

- Voltage set point: 200-240 VAC
- Over/under voltage setting: 5% - 10%, adjustable
- Anti-short cycle delay: 0.5-10 min.
- # of surge arresters required for operation: 0-5
- Accuracy: +/- 2%, user calibration
- Contactor ratings: 40A FLA, 240A LRA
- Number of trials: 1-5, auto
- Line voltage: 195-264 VAC
- Frequency: 50/60 Hz
- Type: Contactor, 2-pole
- Dimensions: 8.00" x 8.25" x 4.30"

### ICM493-60A

#### SINGLE PHASE LINE MONITOR WITH BUILT-IN SURGE SUPPRESSION



#### FEATURES/BENEFITS

- Protects against over and under voltage, rapid short cycling caused by transients, and high-power surges
- Fault history feature records and retains the five most recently occurred faults in non volatile memory
- Ideal for mini-splits or other condensing units
- Easy to view, backlit digital display
- Bank of five L-L surge arresters
- Built-in 60A contactor
- NEMA Type 3R rated metal enclosure for outdoor use
- Easy installation and setup

#### SPECIFICATIONS

- Input: 195-264 VAC, 50/60Hz
- Voltage: 240 VAC
- FLA: 60A, LRA: 360A
- Operating/storage/LCD temperature: -40°F to 167°F
- Enclosure: Weather resistant, NEMA 3R rated for outdoor installation
- ASC time delay: 0.5-10 minutes
- # of trials: 1-5, auto
- # of movistors: 0-5
- Dimensions: 8.00" x 10.00" x 6.00"



## Surge Protectors

### Ditek Single Phase Surge Protectors

#### Features

- Weatherproof enclosure
- Parallel connection for easy installation
- Diagnostic LED provides positive indication of power, ground presence, and surge protection
- Automatically resets to handle multiple surge events
- Typical Applications A/C disconnect, small electrical panels, pool/well pumps
- Half the response time as similar models
- NEMA 4 rated on the housing



| Item ID | Service Wiring            | Surge Current Rating | MCOV     | Voltage Protection Rating | Short Circuit Current Rating | Nominal Discharge Current Rating | Direct Replacement |
|---------|---------------------------|----------------------|----------|---------------------------|------------------------------|----------------------------------|--------------------|
| PSP72KA | Split(2W+G)<br>120/240VAC | 50,000A              | 150/320V | 700V L-G, 1,200V L-L      | 10,000A                      | 10,000A                          | SMC60<br>SMC150    |

#### Features

- Voice, Data and Signaling circuit surge protection
- Adds no resistance to loop circuits
- #22-#16 AWG screw terminal connections
- For 24 volt service



| Item ID  | Protection Mode | Surge Current RatingM                                | COV   | Max Continuous Current | Clamping Voltage | Direct Replacement |
|----------|-----------------|--|-------|------------------------|------------------|--------------------|
| PSP38VDC | Line-Ground     | 2,000 Amps/Pair (5-48V)<br>9,000 Amps/Pair (75-130V) | 38VDC | 5A, 0.5A (SCP)         | 47V              | SYCST027B          |

### Ditek CMXPLUS 3 Phase Surge Protectors

#### Features

- NEMA 4X enclosure allows for use in harsh environments
- Parallel connection for easy installation
- Flexible Lockstrap
- Diagnostic LED indicates system power and function
- Automatically resets to handle multiple surge events



| Item ID         | Description             | Service Voltage | Phase | Type       |
|-----------------|-------------------------|-----------------|-------|------------|
| DTK-2403CMXPLUS | Packard Surge Protector | 208/240VAC      | 3     | SPD Type 1 |
| DTK-4803CMXPLUS | Packard Surge Protector | 480VAC          | 3     | SPD Type 1 |
| DTK-6003CMXPLUS | Packard Surge Protector | 600VAC          | 3     | SPD Type 1 |

### Surge-Trap® Surge Protectors



The Surge-Trap® STXH240S05 Split Phase Surge Protection Device, STXH Type 1, 50kA, 120/240 volts, split phase is the most compact of the STX series. The STXH Series SPD features TPMOV® technology inside making it the safest product available in its category. Surge-Trap Type 1 STXR meets requirements for UL1449 4th Edition and is ideal for the replacement of obsolete surge arrestors.

| Item ID    | Description  |
|------------|--|
| STXH240S05 | STXH Type1 50kA 240/120V Split Phase Surge Protection Device |



## SURGE PROTECTION DEVICES - SINGLE PHASE SPDS

### ICM517A SURGE PROTECTION DEVICE



#### FEATURES/BENEFITS

- Easy installation
- Low cost, high performance
- Rugged, reliable
- UL Listed, Type 2 device
- NEMA Type 3R metal enclosure
- TMOV (Thermally Protected Metal Oxide Varistor) Technology
- LED indicator for operational status
- 100 kA maximum surge current protection

#### SPECIFICATIONS

- Service voltage: 120/240 volt, single phase
- Maximum surge current: 100,000 Amps
- Maximum energy dissipation: 1,020 Joules
- Installation point: Electrical panel/disconnect
- Diagnostics: Green light indicates surge suppression present
- AC protection modes: L-L, L-N, L-G, N-G
- Conduit connection: 3/4"
- Weight: 0.55 lbs.
- Dimensions: 5.0" x 2.78" x 2.16"

## SPLIT PHASE SPDS

### ICM518 240 VAC SPLIT PHASE SURGE PROTECTIVE DEVICE



#### FEATURES/BENEFITS

- 240 VAC split surge protective device
- Easy 3-wire installation
- 3/4" conduit connection
- Green LED indicator tells whether the device is operational
- Low cost, high performance
- Rugged and reliable
- UL Listed Type 1 or Type 2 SPD
- NEMA Type 4X watertight enclosure for indoor/outdoor use
- Limited Lifetime Protection Warranty
- 100 kA maximum surge current protection

#### SPECIFICATIONS

- Service voltage: **Split 240 VAC**
- Maximum surge current: 100 kA
- Short Circuit Current Rating (SCCR): **200 kA**
- Nominal discharge current (In): **20 kA**
- Protection mode: L1-L2, L1-N, L2-N
- Maximum Continuous Operation Voltage (MCOV):
  - L-L: 300 VAC
  - L-N: 150 VAC
- VPR:
  - L-L: 1200 VAC
  - L-N: 700 VAC
- SPD type: Type 1 (can also be used in Type 2 apps)
- Surge protection technology: TFMOV
- Input power frequency: 50/60 Hz
- Dimensions: 4.30" x 4.10" x 2.30"

#### REPLACES

- ASCO: 420120S
- Eaton: SP1-240S, SP2-240S
- ERICO (Critec): TDX50C240
- Generac: G0073000
- Intermatic: AG2401C3, IG1200RC3, IG1240RC3, IG3240RC3
- Leviton: 55240-ASA
- MARS: 83905
- Siemens: TPS3A
- Ditek: DTK 120/240HD2
- Citel: MLPXUVG



3-PHASE SPDS

**ICM530**

**3-PHASE SURGE PROTECTIVE DEVICE FOR 3-PHASE DELTA 240 VAC OR WYE 120/208 VAC**



**FEATURES/BENEFITS**

- 240 VAC or Wye 120/208 VAC
- Delta or Wye Configuration
- NEMA Type 4X watertight plastic enclosure for outdoor and indoor installation
- Green LED indicates surge protection present
- Easily connects to electrical panel or disconnect for indoor and outdoor apps
- UL Listed Type 1 or Type 2 SPD
- Limited Lifetime Protection Warranty
- 150 kA maximum surge current protection

**SPECIFICATIONS**

- Service voltage (3-phase): 240 VAC Delta or 120/208 VAC Wye
- Maximum surge current: 150 kA
- Short Circuit Current Rating (SCCR): 200 kA
- Nominal discharge current (In): 20 kA
- Protection mode:
  - 3 for Delta configuration
  - 6 for Wye configuration (neutral tied to ground)
- Maximum Continuous Operation Voltage (MCOV):
  - L-L: 300 VAC
  - L-N: (for Wye configuration only): 150 VAC
- VPR:
  - Delta L-L: 1200 VAC
  - Wye L-L: 1200 VAC
  - Wye L-N: 700 VAC
- SPD type: Type 1 (can also be used in Type 2 apps)
- Surge protection technology: TFMOV
- Input power frequency: 50/60 Hz
- Dimensions: 4.30" x 4.10" x 2.30"

**REPLACES**

- ABB: OVRHLDxx-120
- ASCO: 420120Y, 420240D
- Eaton: SP1-208Y, SP1-240D, SP2-208Y, SP2-240D
- ERICO (Critec): TXD50C120/208, TXD50C120/240D
- Intermatic: AG2083C3 L5F13Y1DG1
- Leviton: 55208-ASA
- Siemens: TPS3D, TPS3C
- Square D: SDSA2040, SDSA2040D

**ICM531**

**3-PHASE SURGE PROTECTIVE DEVICE FOR 3-PHASE DELTA 480 VAC OR WYE 277/480 VAC**



**FEATURES/BENEFITS**

- 480 VAC or Wye 277/480 VAC
- Delta or Wye Configuration
- NEMA Type 4X watertight plastic enclosure for outdoor and indoor installation
- Green LED indicates surge protection present
- Easily connects to electrical panel or disconnect for indoor and outdoor apps
- UL Listed Type 1 or Type 2 SPD
- Limited Lifetime Protection Warranty
- 150 kA maximum surge current protection

**SPECIFICATIONS**

- Service voltage (3-phase): 480 VAC Delta or 277/480 VAC Wye
- Maximum surge current: 150 kA
- Short Circuit Current Rating (SCCR): 200 kA
- Nominal discharge current (In): 20 kA
- Protection mode:
  - 3 for Delta configuration
  - 6 for Wye configuration (neutral tied to ground)
- Maximum Continuous Operation Voltage (MCOV):
  - L-L: 700 VAC
  - L-N: (for Wye configuration only): 350 VAC
- VPR:
  - Delta L-L: 2500 VAC
  - Wye L-L: 2500 VAC
  - Wye L-N: 1200 VAC
- SPD type: Type 1 (can also be used in Type 2 apps)
- Surge protection technology: TFMOV
- Input power frequency: 50/60 Hz
- Dimensions: 4.30" x 4.10" x 2.30"

**REPLACES**

- ABB: OVRHLDxx-277
- ASCO: 420277Y, 420480D
- Eaton: SP1-480Y, SP1-480D, SP2-480Y, SP2-480D
- ERICO (Critec): TD50C277/480
- Intermatic: AG4803C3, L5F13Y2DG1
- Leviton: 55480-ASA
- Siemens: TPS3E, TPS3F
- Square D: SDSA4040, SDSA4040D



### Miniature Pressure Control Switches



25-90290  
Illustrated

**Contact Rating**  
- 125/250 VAC

| FLAL | RA | Inductive Amps   | Resistive Amps    |
|------|----|------------------|-------------------|
| 81   | 8  | 8 Amp Continuous | 16 Amp Continuous |

#### Specifications

- Temperature Range: -20°C (-4°F) to 40°C (104°F).
- Mechanical Life: 1,000,000 operations.
- Electrical Life: 100,000 operations (@ 16amp 240VAC Res.)
- Operate Time (typical): 25 ms at nominal coil voltage.
- Release Time (typical): 25 ms at nominal coil voltage.
- Dielectric Strength (at sea level for 1 min.):  
- 2500 Vrms coil to contact.  
- 1000 Vrms between open contacts.
- Coil Frequency: 50/60 Hz.
- Coil Insulation: Class A (105°C / 221°F).
- Coil Duty Cycle: Continuous.
- Terminals: ¼" quick-connects.
- Contact Material: Silver cerium
- Enclosure: Phenolic.

#### Features

- Designed for switching single or two speed fan motor, relays, solenoids, resistive loads in cooling, heating or general purpose switching applications.
- Replace WR/ Essex/ RBM & Mars type 84 models
  - Totally enclosed compact design.
  - Quiet & reliable operations.
  - UL & cUR (file E44211)
  - Universal mounting bracket.

### 2-Pole HVAC Standard Duty Relays

| Coil Voltage | Item ID SPST | Item ID SPDT | Coil Resistance DC OHMS ±10% | Nominal Current MA | Nominal VA Sealed | Inrush VA |
|--------------|--------------|--------------|------------------------------|--------------------|-------------------|-----------|
| 24           | 25-90290     | 25-90293     | 90                           | 146                |                   |           |
| 120          | 25-90291     | 25-90294     | 2,000                        | 29                 | 3.54              |           |
| 240          | 25-90292     | 25-90295     | 7,200                        | 15                 |                   |           |

### Totally Enclosed Fan Relays - Heavy Duty



25-90380  
Illustrated

#### Specifications

- Temperature Range: -20°C (-4°F) to 40°C (104°F).
- Mechanical Life: 1,000,000 operations.
- Electrical Life: 100,000 operations (@ 25amp 277VAC Res.)
- Operate Time (typical): 25 ms at nominal coil voltage.
- Release Time (typical): 25 ms at nominal coil voltage.
- Dielectric Strength (at sea level for 1 min.):  
- 2500 Vrms coil to contact.  
- 1000 Vrms between open contacts.
- Coil Frequency: 50/60 Hz.
- Coil Insulation: Class A (105°C / 221°F).
- Coil Duty Cycle: Continuous.
- Terminals: ¼" quick-connects.
- Contact Material: Silver cadmium oxide.
- Enclosure: Phenolic.

#### Features

- Designed for cooling, heating or general purpose switching equipment operating heavier loads.
- Replace WR/ Essex/ RBM & Mars type 184 models
  - Totally enclosed compact design.
  - Quiet & reliable operations.
  - Universal mounting bracket
  - UL & cUR (file E44211)
  - SPST, SPDT & SPNO/SPNC models.

### Heavy Duty Relays

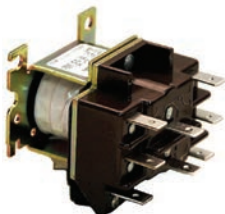
| Coil Voltage | SPST Item ID | SPDT Item ID | SPNO-SPNC* Item ID | Coil Resistance DC OHMS ±10% | Nominal Current MA | Nominal VA Sealed | Inrush VA |
|--------------|--------------|--------------|--------------------|------------------------------|--------------------|-------------------|-----------|
| 24           | 25-90360     | 25-90370     | 25-90380           | 77                           | 167                |                   |           |
| 120          | 25-90362     | 25-90372     | 25-90382           | 2,000                        | 33                 | 44                |           |
| 240          | -            | 25-90374     | 25-90384           | 7,200                        | 17                 |                   |           |

\*Isolated Contacts

### Contact Rating

| VACA    | mps | FLA | LRA | Inductive Amps    | Resistive Amps |
|---------|-----|-----|-----|-------------------|----------------|
| 125VAC  |     | 14  | 84  | 14 Amp Continuous | 25 Amp         |
| 250VAC8 | 25  |     | 48  | 8 Amp Continuous  | Continuous     |
| 277VAC7 |     |     | 42  | 7 Amp Continuous  | @ 277 VAC      |

### Totally Enclosed Relay - 2 Pole HVAC Switching Relays



25-90340  
Illustrated

#### Specifications

- Temperature Range: -40°C (-40°F) to 54°C (130°F).
- Mechanical Life: 750,000 operations.
- Electrical Life: 100,000 operations.
- Coil Frequency: 50/60 Hz.
- Coil Insulation: Class B.
- Coil Duty Cycle: Continuous.
- Terminals: ¼" quick-connects.
- Contact Material: Silver cadmium oxide.
- Enclosure: Phenolic.
- Dimensions 2.13" x 1.88" x 2.25"

#### Features

- Intended for many applications in air conditioning, refrigeration, heating and general purpose switching.
- Replaces Honeywell, White-Rodgers/RBM & Mars (cross reference in packaging)
  - Semi-enclosed compact design.
  - Quiet & reliable operations.
  - Universal mounting bracket
  - Molded terminal numbers and circuit diagram on top of relay.
  - UL & cUR (file E44211).
  - 2 Pole DT mode

### Heavy Duty Relays

| Coil Voltage | DPDT Item ID | Terminals 1,2,3. | Terminals 4,5,6. | Resistance DC OHMS ±10% | Nominal Current MA | Nominal VA Sealed Max. | Inrush VA Max. |
|--------------|--------------|------------------|------------------|-------------------------|--------------------|------------------------|----------------|
| 24           | 25-90340     |                  |                  | 15                      | 334                |                        |                |
| 120          | 25-90341     | PowerP           | ower             | 400                     | 66                 | 8                      | 21.5           |
| 240          | 25-90342     |                  |                  | 1415                    | 38                 |                        |                |

### Contact Rating

| VAC  | Amps General Use |     |       | LRA  | FLA |
|------|------------------|-----|-------|------|-----|
|      | VAC              | HP  | FLA   |      |     |
| 125V | 15               | 3/4 | 82.8  | 13.8 |     |
| 208V |                  |     | 45.67 | .6   |     |
| 250V |                  |     | 41.46 | .9   |     |
| 277V |                  |     | 36.06 | .0   |     |



**MOTOR STARTERS - SOFT START CONTROLS**

**ICM870-9A/ICM870-16A**  
SOFT START CONTROLS



**FEATURES/BENEFITS**

- Starting current reduction and self-learning algorithm
- Built-in start capacitor
- Over/under voltage monitoring
- Over-current protection
- Diagnostic indicators
- Sealed enclosure
- 9A Model – Order: ICM870-9A
- 16A Model – Order: ICM870-16A

**SPECIFICATIONS**

- Inputs: L1 & L2
- Nominal voltage: 120 VAC, 240 VAC
- Over voltage limits:  
120 VAC nominal = 140 VAC  
240 VAC nominal = 250 VAC
- Under voltage limits:  
120 VAC nominal = 95 VAC  
240 VAC nominal = 195 VAC
- Outputs: Compressor
- Current: Maximum nominal = 9A, 16A, 32A
- Over current limits:  
ICM870-9A = 11.25A, ICM870-16A = 20A
- Operating temp.: -40°F to 131°F (-40°C to 55°C)
- Storage temp.: -40°F to 149°F (-40°C to 65°C)
- Humidity: 0-95% non-condensing
- Enclosure: IP65/Type 4X
- Dimensions: 7.60" x 3.20" x 2.10"

**VOLTAGE SENSING**

ICM's differential voltage sensing products employ patented circuitry which monitors differential compressor auxiliary voltage, determines the state of the motor and precisely engages and disengages the start capacitor.

A timed safety circuit is provided in the event the motor fails to start within 2 seconds.

**ICM866U MOTOR**  
STARTER



**FEATURES/BENEFITS**

- Patented circuitry with differential voltage sensing technology
- Monitors differential compressor auxiliary voltage
- Not affected by ambient temperatures
- Recycles instantly
- Self-adjusting to changes in voltages
- Extends motor life
- Rated for 1/12 to 5 HP applications
- Reduces inventory, saves money – One model is all you need
- Simple, two-wire installation
- Multi-voltage operation for 115 or 230 VAC motors
- Precisely engages/disengages the start capacitor
- Does not rely on relay with preset, factory default ranges
- Faster install time and minimizes risk of accidental miswires

**SPECIFICATIONS**

- Voltage: 90-240 VAC
- Recommended range: 1/12 to 5 HP
- Capacitor: 145-175 Mfd. 330 V
- Dimensions: 7.90" x 1.50" x 2.25"

**REPLACES**

- 5-2-1: CSR-U1, CSR-U2, CSR-U3
- DiversiTech: DST-5, DST-6
- Kickstart: KS1-KS5 & KS8
- Mars: 32708, SS1, SS5, 32703, 32704, 32701, 32702
- Supco: SPP5, SPP6, SPP5E, SPP6E, SPP7E, SPP8E, SPP9E, SPP10E
- Watsco: WSX1



### ICM532

## 3-PHASE SURGE PROTECTIVE DEVICE FOR 3-PHASE DELTA 600 VAC OR WYE 347/600



### FEATURES/BENEFITS

- 600 VAC or WYE 347/600 VAC
- Delta or Wye Configuration
- NEMA Type 4X watertight plastic enclosure for outdoor and indoor installation
- Green LED indicates surge protection present
- Easily connects to electrical panel or disconnect for indoor and outdoor apps
- UL Listed Type 1 or Type 2 SPD
- Limited Lifetime Protection Warranty
- 150 kA maximum surge current protection

### SPECIFICATIONS

- Service voltage (3-phase): 600 VAC Delta or 347/600 VAC Wye
- Maximum surge current: 150 kA
- Short Circuit Current Rating (SCCR): 200 kA
- Nominal discharge current (In): 20 kA
- Protection mode:
  - 3 for Delta configuration
  - 6 for Wye configuration (neutral tied to ground)
- Maximum Continuous Operation Voltage (MCOV):
  - L-L: 920 VAC
  - L-N: (for Wye configuration only): 460 VAC
- VPR:
  - Delta L-L: 2500 VAC
  - Wye L-L: 2500 VAC
  - Wye L-N: 1500 VAC
- SPD type: Type 1 (can also be used in Type 2 apps)
- Surge protection technology: TFMOV
- Input power frequency: 50/60 Hz
- Dimensions: 4.30" x 4.10" x 2.30"

- ASCO: 420347Y, 420600D
- Eaton: SP1-600Y, SP1-600D, AP2-600Y
- ERICO (Critec): TXD50C347/600
- Intermatic: AG6503, L5F13Y3DG1
- Siemens: TPS3L, TPS3G
- Square D: SDSA3650, SDSA3650D

### ICM533

## 3-PHASE SURGE PROTECTIVE DEVICE FOR 3-PHASE DELTA HIGH LEG 120/240 VAC



### FEATURES/BENEFITS

- High Leg 120/240 VAC
- Delta High-Leg Configuration
- NEMA Type 4X watertight plastic enclosure for outdoor and indoor installation
- Green LED indicates surge protection present
- Easily connects to electrical panel or disconnect for indoor and outdoor applications
- UL Listed Type 1 or Type 2 SPD
- Limited Lifetime Protection Warranty
- 150 kA maximum surge current protection

### SPECIFICATIONS

- Service voltage (3-phase): 120/240 VAC Delta High-Leg
- Maximum surge current: 150 kA
- Short Circuit Current Rating (SCCR): 200 kA
- Nominal discharge current (In): 20 kA
- Protection mode: 3 for Delta configuration
- Maximum Continuous Operation Voltage (MCOV):
  - L-L: 300 VAC
  - L-H: 450 VAC
  - L-N: 150 VAC
  - H-N: 300 VAC
- VPR:
  - L-L: 1200 VAC
  - H-L: 1500 VAC
  - L-N: 700 VAC
  - H-N: 900 VAC
- SPD type: Type 1 (can also be used in Type 2 apps)
- Surge protection technology: TFMOV
- Input power frequency: 50/60 Hz
- Dimensions: 4.30" x 4.10" x 2.30"

### REPLACES

- ASCO: 420240H
- Eaton: SPD050240H1
- Intermatic: AG2403C3, L5F13D1DG1
- Siemens: TPS3B
- Square D: SDSA2040D



**HEAD PRESSURE CONTROLS**

**ICM325HN (120-480 VAC) & ICM325HNV (600 VAC)**  
HEAD PRESSURE CONTROLS WITH OPTIONAL HEAT PUMP BYPASS



**FEATURES/BENEFITS**

- Integral heat pump bypass circuitry allows electronic bypass of speed control
- Eliminates overshoots common to on/off and pressure switch controls
- Helps prevent evaporator freeze-ups, low pressure cut outs and liquid-slugged compressors in low ambient conditions
- Hard start, low temperature cutoff, isolated 24 VAC supply
- Controls up to 3 refrigerant circuits
- Typical application: A/C and heat pumps

**SPECIFICATIONS**

- Input:
  - Line input: 18-30 VAC
  - Frequency: 50/60 Hz, 1.8 VA max.
- Line input:
  - (ICM325HN) 120-480 VAC
  - (ICM325HNV) 600 VAC
- Output:
  - Maximum: 10 amps
  - Minimum: 100 mA
- Modulation: 70°F to 100°F
- Dimensions: 4.50" x 3.00" x 1.75"

**REPLACES**

- ACT: FM2000
- Hoffman: 800, 800A, 800AA, 814-50, 816-10
- Ranco: E31Series



**ICM326HN (120 OR 208/240 VAC)**  
HEAD PRESSURE CONTROLS WITH OPTIONAL HEAT PUMP BYPASS



**FEATURES/BENEFITS**

- Integral heat pump bypass circuitry allows electronic bypass of speed control
- Built in transformer eliminates cost, reduces installation time and simplifies wiring
- Helps prevent evaporator freeze-ups, low pressure cut outs and liquid-slugged compressors in low ambient conditions
- Hard start, low temperature cutoff
- Ideal for line voltage air conditioning & refrigeration
- For line voltage reversing valves only

**SPECIFICATIONS**

- Input:
  - Line input: 120 or 208/240 VAC
  - Frequency: 50/60 Hz
- Output:
  - Maximum: 10 amps
  - Minimum: 100 mA
- Modulation: 70°F to 100°F
- Dimensions: 4.50" x 3.0" x 2.0"

**REPLACES**

- ACT: FM4000
- Hoffman: 800, 800A, 800AA, 814-50, 816-10
- Ranco: E31 Series



### VOLTAGE SENSING

#### UMSR-50 UNIVERSAL MOTOR STARTING RELAY



#### FEATURES/BENEFITS

- Replacement for all standard potential relays
- Patented differential voltage sensing
- No user-adjustments required
- Non-positional mounting configuration
- 50A switching capabilities
- Universal mounting bracket for easy installation
- .250" quick connect termination
- Safety timer

#### SPECIFICATIONS

- Voltage rating: 110-270 VAC, single phase
- Max. voltage contact rating: 502 VAC (absolute)
- Motor power rating: Up to 10 HP
- Operating position: Non-positional
- Safety time out: Approximately 1-second per 100 microfarads
- Consumption: 5 VA maximum
- Contact rating: 50A (break only)
- Dimensions: 2.00" x 2.00" x 1.75"

#### REPLACES

- All standard potential relays
- Supco: APR5, SUPR

### HEAD PRESSURE CONTROLS

#### ICM325A UNIVERSAL HEAD PRESSURE CONTROL



#### FEATURES/BENEFITS

- Near field communication using the NFC App
- Inputs for two temperature sensors or two pressure sensors
- Heat pump bypass for full speed operation in heating mode
- Jumper selectable heat active reversing valve enabling
- Jumper selectable control voltage enabling
- Universal input voltage 120-600 VAC
- Universal Control voltage 24-240 VAC (jumper enabled)

#### SPECIFICATIONS

- Line voltage: 120 - 600 VAC
- Control voltage: 24-240 VAC (Jumper enabled)
- Frequency: 50-60 Hz
- Operating temperature: -40°F to +176°F (-40°C to +75°C)
- Temperature sensors: 10K ohms at 77°F (25°C)
- Heat pump reversing valve input: 24-240 VAC (Cool active default / jumper enabled heat active option)

#### REPLACES

- ACT: FM2000
- Hoffman: 800, 800A, 800AA, 814-50, 816-10
- Ranco: E31Series
- Johnson Controls: P66AAB/ P66AAD
- ICM: ICM325H, ICM325HNV, ICM326HM2, ICM326HN, ICM327HN, ICM333, ICM334



**HEAD PRESSURE CONTROLS**

**ICM334 (208-600 VAC)**

**3-PHASE ON/OFF HEAD PRESSURE CONTROL**



**FEATURES/BENEFITS**

- 3-phase ON/OFF control
- One temperature and two pressure inputs
- Integral heat pump bypass circuitry
- Solid 10 amp load carrying capability
- Hard Start – 10 second hard start
- 120-600 VAC
- Heat pump bypass
- Applies full voltage to the motor under normal conditions

- Control voltage: 18-30 VAC
- Line voltage: 120-600 VAC
- Frequency: 50/60 Hz
- Operating Temperature: -40°F to +140°F
- Probes:
  - Temperature: ICM379 thermistor, 10K ohm at 77°F
  - Pressure: ICM380 (ordered separately)
- Heat pump override: 24 VAC, N.C./N.O.
- Mounting: Surface mount using (2) #8 screws
- Dimensions: 4.00" x 3.25" x 1.75"

**CONTROL ACCESSORIES**

**ICM379 PROBE**

**HEAD PRESSURE CONTROL ACCESSORY**



- Probe for use with ALL head pressure controls with optional heat pump bypass feature

- 70°F to 100°F (21°C to 38°C)
- Dimensions: 79.0" x 0.12" x 0.75"

**ICM380**

**HEAD PRESSURE CONTROL ACCESSORY**



**FEATURES/BENEFITS**

- Optional pressure transducer for ICM333 & ICM334 head pressure controls

**SPECIFICATIONS**

- Length: 72"
- 0-500 psi
- 1/4" SAE female flare with Schraeder deflator
- Dimensions: 39.0" x 2.00" x 0.75"



## ICM327HN (480 VAC)

HEAD PRESSURE CONTROLS WITH OPTIONAL HEAT PUMP BYPASS



### FEATURES/BENEFITS

- Integral heat pump bypass circuitry allows electronic bypass of speed control
- Built in transformer eliminates cost, reduces installation time and simplifies wiring
- Helps prevent evaporator freeze-ups, low pressure cut outs and liquid-slugged compressors in low ambient conditions
- Hard start, low temperature cutoff
- Ideal for line voltage air conditioning & refrigeration
- For line voltage reversing valves only

### SPECIFICATIONS

- Input:
  - Control: 480 VAC
  - Frequency: 50/60 Hz
- Output:
  - Maximum: 10 amps
  - Minimum: 100 mA
  - Modulation: 70°F to 100°F
  - Dimensions: 4.50" x 3.0" x 2.0"

### REPLACES

- ACT: FM4000
- Hoffman: 800, 800A, 800AA, 814-50, 816-10
- Ranco: E31 Series



## ICM333 (120-600 VAC)

HEAD PRESSURE CONTROL



### FEATURES/BENEFITS

- Support for dual temperature OR dual pressure probes
- 120-600 VAC
- Integral heat pump bypass circuitry allows for electronic bypass of speed control
- Dial temperature or pressure set point: 70°F to 140°F, 35-465 psig
- Helps prevent evaporator freeze-ups, low pressure cut outs and liquid slugged compressors in low ambient conditions
- Hard start, low temperature cutoff

### SPECIFICATIONS

- Control voltage: 18-30 VAC
- Line voltage: 120, 208, 240, 277, 480 & 600 VAC
- Frequency: 50/60 Hz
- Operating temperature: -40°F to +176°F
- Probes:
  - Temperature: Thermistor, 10K ohm at 77°F
  - Pressure: ICM380 (ordered separately)
- Heat pump override: 24 VAC, N.C./N.O.
- Mounting: Surface mount using (2) #8 screws
- Dimensions: 4.75" x 3.25" x 2.00"

### REPLACES

- Johnson Controls: P66AAB/ P66AAD



**ECM CONTROLS**

**ICM713**  
ECM CONTROL



**FEATURES/BENEFITS**

- Single or dual temperature inputs
- Heat pump bypass circuitry
- Low current pulse width modulated output
- Lead free design

- Voltage: 18-30 VAC
- Frequency: 50/60 Hz
- Output: 13.5 VDC, 10mA max., 80 Hz, 0-100%
- Operating temperature: -40°F to 158°F
- Storage temperature: -40°F to 185°F
- Temperature probes: 10 KOhm (NTC, J-Curve)
- Dimensions: 5.00" x 3.25" x 1.50"

**REPLACES**

- Hoffman: 880-ECM(10)SSHP

**ICM715**  
ECM CONTROL



**FEATURES/BENEFITS**

- Provides a single, user selected motor speed when replacing an OEM constant torque electronically commutated motor
- Simple installation
- Works on constant torque blower motor such as X13 or SelecTech constant torque electronically commutated motor up to 1 HP
- User selectable 3 minute delay on break option

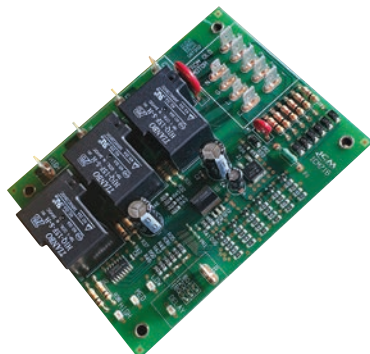
**SPECIFICATIONS**

- Motor voltage: 120 VAC or 208-240 VAC
- Input voltage: 24 VAC
- Frequency: 50-60 Hz
- Horse power: 1 HP max.
- Dimensions: 4.00" x 2.25" x 1.25"

**REPLACES**

- QwikSwapX1

**ICM716**  
ECM CONTROL



**FEATURES/BENEFITS**

- Provides a means to replace an X13 or SeleTech constant torque ECM with a single phase PSC motor
- Eliminates costly ECM repairs
- 3 High power relay outputs for automated speed selection
- 3 LED's indicate selected speed
- LED indicator illuminates when OFF delay is active
- User selectable 60, 120, or 180 second OFF delay

**SPECIFICATIONS**

- Motor voltage: 120 VAC or 208-240 VAC
- Input voltage: 24 VAC
- Frequency: 50-60 Hz
- Horse power: 1 HP max.
- Dimensions: 5.00" x 3.75" x 1.25"

**REPLACES**

- QwikSwapX3

### ECM CONTROLS

## ELECTRONICALLY COMMUTATED MOTOR

ICM's controllers provide a line of form, fit and functional OEM replacements for efficiently controlling a motor's speed. Manual or automated control of an ECM is available (model dependent), while monitoring and displaying the RPM/CFM of the motor.

### ICM708 ECM CONTROL



#### FEATURES/BENEFITS

A low current pulse width modulated signal for controlling the speed of a GE 2.3 ECM based on a user settable potentiometer.

RPM Feedback

On-board LED diagnostics for a visual indication of the motor's status.

#### SPECIFICATIONS

- Power supply: 18-30 VAC
- RPM input: 5 VDC
- PWM & ON/OFF outputs: 14 VDC (PWM 80 Hz)
- Dimensions: 4.25" x 2.35" x 1.50"

#### REPLACES

- EVO™/ECM-VCU-36-mp

### ICM709 ECM CONTROL



#### FEATURES/BENEFITS

A low current pulse width modulated signal for controlling the speed of a GE 2.3 ECM based on user settable potentiometers (SET0 - SET4) and a thermostat's requested call.

RPM Feedback

On-board LED diagnostics for a visual indication of the motor's status.

#### SPECIFICATIONS

- Power supply: 18-30 VAC
- RPM input: 15 VDC
- Thermostat inputs: (SPD1 - SPD4): 18-30 VAC
- PWM & ON/OFF outputs: 14 VDC (PWM 80 Hz)
- Dimensions: 3.25" x 3.00" x 0.75"

#### REPLACES

- EVO™/ECM-4Spd

### ICM711 ECM CONTROL



#### FEATURES/BENEFITS

The ICM711 is used to control the speed of an Electronically Commutated Motor (ECM) by automated control systems via a 0-10 VAC input (SIGNAL & COMMON), or manually via potentiometer (SET SPEED). The ICM711 will also provide motor speed feedback via visual LED indication (MOTOR RPM) as well as a 0-10 VAC output (RPM & COMMON) to supply an auto-mated control system.

#### SPECIFICATIONS

- Power supply: 18-30 VAC, 60 Hz
- Signal & common: 0-10 VDC 0-100% PWM request
- ECM supplied feedback: 5 VDC (motor at rest or not connected)
- PWM supplied to ECM: 18 VDC (10mA max)
- ON/OFF supplied to ECM: 18 VDC (10mA max)
- RPM & common: 0-10 VDC (5mA max) 0 to 2000 RPM (10 RPM increments)
- Dimensions: 4.25" x 2.35" x 1.50"

#### REPLACES

- EVO™/ECM-ACU+-S1



## Liquid Tight Connectors - One Piece

### 1 Piece Non-Metal Connectors

- Installation - no disassembly required, simply screw the connector onto the conduit.
- Design allows superior liquid tight seal and optimum pull strength.
- PVC construction.
- Produced from UV rated material for long outdoor life.
- Time and cost saving benefits over other brands.
- Reusable design.
- Ideal for conduit assemblies and installers.
- Resists salt water, weak acids, gasoline, alcohol, oil, grease & most common solvents.

### Applications

- Indoor or outdoor use
- OEM equipment
- Field installations



UL & cUL  
listed



| Item ID      | Size | Description        | Pkg |
|--------------|------|--------------------|-----|
| 750-SLTC50   | 1/2" | Straight Connector | 25  |
| 750-SLTC9050 | 1/2" | 90 ° Connector     | 10  |
| 750-SLTC75   | 3/4" | Straight Connector | 25  |
| 750-SLTC9075 | 3/4" | 90 °Connector      | 10  |

### 2 Piece Non-Metal Connectors

- Installation - simply push conduit onto ferrule, then tighten the domed sealing nut. The completed assembly is then secured to the chassis using the locknut.
- Produced from UV rated material for long outdoor life.
- Conduit & connector system is completely reusable.
- Nylon construction
- Standard colour - Gray
- Resists salt water, weak acids, gasoline, alcohol, oil, grease & most common solvents.

### Applications

- Indoor or outdoor use
- OEM equipment
- Field installations

| Item ID      | Size | Description        | Pkg |
|--------------|------|--------------------|-----|
| 750-NMLT50   | 1/2" | Straight Connector | 25  |
| 750-NMLT9050 | 1/2" | 90 ° Connector     | 10  |
| 750-NMLT75   | 3/4" | Straight Connector | 25  |
| 750-NMLT9075 | 3/4" | 90 °Connector      | 10  |



UL listed  
CSA certified



### FAN BLOWER CONTROLS

#### ICM253

POST PURGE,  
OFF DELAY TIMER



#### FEATURES/BENEFITS

- UL 873 recognition for compressor applications
- Post-purge fan delay timer
- OFF delay purges ducts of residual air at the end of the heating/cooling cycle
- Interrogation delay eliminates nuisance trips due to thermostat bounce/tampering

#### SPECIFICATIONS

- Voltage: 18-30 VAC
- 1 amp maximum
- 40 mA minimum
- 10 amp inrush
- Adjustable time delay:
  - OFF: 12-390 seconds
- Dimensions: 2.00" x 3.00" x 1.25"

#### REPLACES

- Field Controls: 46144700
- Gemline: 1C216
- Mars: 32393

### OFF DELAY ON BREAK

#### ICM255

FAN BLOWER CONTROL



#### FEATURES/BENEFITS

- Low cost open board design
- High power, relay output
- Dual function fan delay timer
- Controls the circulating fan in heat pump, A/C and forced air systems
- OFF delay purges ducts of residual air

#### SPECIFICATIONS

- Voltage: 18-30 VAC
- Contact ratings:
  - N.O.: 20 amps @ 240 VAC
  - N.C.: 20 amps @ 240 VAC
- Time delays fixed:
  - ON: 1 second
  - OFF: 60 seconds
- Dimensions: 2.50" x 2.50" x 1.50"

#### REPLACES

- A-1: 5893
- Bard: 8201-056
- Mars: 32574
- Rheem: 42-22515-01, 42-22515-02, 42-22515-03
- Snyder General/ICP: 1395336

### FORM, FIT AND FUNCTIONAL OEM REPLACEMENT PARTS

#### ICM256

OFF DELAY ON BREAK CONTROL



#### FEATURES/BENEFITS

- Fan post purge timer to control circulating fan in forced air systems
- Dual function 7 second ON delay / 65 second OFF delay
- Speed up terminals for test mode
- Fuse protected control voltage
- High power relay output

#### SPECIFICATIONS

- Input:
- Control voltage: 18-30 VAC
  - Frequency: 50/60 Hz
- Output:
- Type: Relay
  - Form: SPST N.O.
  - Rating: 25 amps @ 240 VAC
- Time Delays:
- ON delay: 7 seconds
  - OFF delay: 65 seconds
- Speed Up Options:
- Speed up to C = Reduced delay (3 seconds ON, 5 seconds OFF)
  - Speed up to R = No delay
- Dimensions: 2.85" x 2.00" x 2.00"

#### REPLACES

- Goodman: PCBFM-103





## Electrical Disconnect Switches

### Disconnects - Metallic

#### Features

- Non-Fused Pullout
- Rated NEMA 3R for outdoor use
- Line, load, and ground terminals aligned for easy hook up with heavy wires
- Full dead front
- Knockouts accommodate three sizes (1/2", 3/4", and 1")
- Rear, bottom and side entry knockouts
- Heavy gauge steel case
- Individually wrapped in boxes of 6
- Folding pivot locking tab



| Item ID | Description            | Fused |
|---------|------------------------|-------|
| PD60NF  | 60 Amp Non Fused Metal | No    |
| PD30F   | 30 Amp Fused Metal     | Yes   |
| PD60F   | 60 Amp Fused Metal     | Yes   |

Dimensions (LxWxH) : 8.77 x 5.45 x 3.18



### Molded Case Switch Disconnect

The DDS-60SW Molded Case Switch Disconnect is rugged and easy to use like an ordinary light switch. It eliminates the pullout handle used in traditional AC disconnects and is easy to install. It is UL listed and rated for indoor and outdoor applications with NEMA 3R rating.



| Item ID  | Description                                |
|----------|--|
| DDS-60SW | Molded Case Switch Disconnect, 60A 240 VAC |



## Transformers

### Foot & Multi-Mount



| Item ID  | Primary Voltage | VA Rating | Secondary Rating | Mounting Option | Connection     | Direct Replacement    | Notes |
|----------|-----------------|-----------|------------------|-----------------|----------------|-----------------------|-------|
| PF42420  | 120/208/240     | 20VA      | 24               | Foot            | Wire Lead      | Jard 2031F<br>UET 114 |       |
| PF12440  | 120             | 40VA      | 24               | Foot            | Wire Lead      | Jard 4011F            |       |
| PF42440  | 120/208/240     | 40VA      | 24               | Foot            | Wire Lead      | Jard 4031F<br>UET 115 |       |
| PF40224  | 208/240         | 40VA      | 24               | Foot            | Terminals      | Goodman 013M00138S    |       |
| PM44450  | 120/208/240     | 50VA      | 24               | Multi           | Wire Lead/Term | Jard 5031M<br>UET 150 | 118   |
| PF52475F | 120/208/240/480 | 75VA      | 24               | Foot            | Wire Lead      | Jard 7541M<br>UET 175 | 118   |

Notes: 118. Built-in fuse included

### Flexible Conduit

- Rigid coils combined with flexible PVC construction provide superior wire protection in a variety of extreme environmental & application conditions.
- Resilient to abuse, pulling or crushing.
- Smooth inside for easier wire feeding & pulling.
- Use with nylon or PVC straight or 90° Liquid Tight connectors.
- Metallic connectors can be used for Liquid Tight conduit.
- Temperature range: -18°C to 75°C.
- UL listed CSA certified

#### Applications

- HVAC Equipment
- Refrigeration Units
- Pumps
- Machine Tools
- Marine Equipment
- Motors & Controls
- Printing Equipment

| Item ID   | Size | Length |
|-----------|------|--------|
| 750-12100 | 1/2" | 100"   |
| 750-34100 | 3/4" | 100"   |



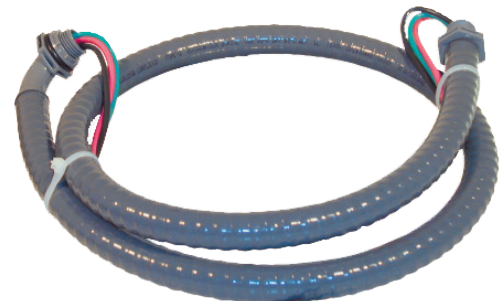
### Installation Whips

#### Pre-Assembled Whips Include:

- Non-Metallic Liquid Tight conduit (cUL listed).
- 2 One-piece non-metal PVC fittings applied (cUL listed).
  - 1 straight Liquid Tight fitting.
  - 1 90° Liquid Tight fitting.
- 2 reducing washers on 1/2" whips.
- 11" wire exposure each end.

| Item ID  | Size | Length | Max Amp Rating | Gauge |
|----------|------|--------|----------------|-------|
| 6-12-4NM | 1/2" | 4"     | 60             | 10    |
| 6-12-6NM | 1/2" | 6"     | 60             | 10    |
| 6-34-6NM | 3/4" | 6"     | 100            | 8**   |

\* 11-6524 24" exposed wire each end - Rheem Ruud Special



**Capacitors**

**Dual Voltage 370/440V • Single MFD**



| 370/440 Volt Oval        |       |        |                     |       |        |              | MFD  | 370/440 Volt Round |                     |        |                          |        |  |
|--------------------------|-------|--------|---------------------|-------|--------|--------------|------|--------------------|---------------------|--------|--------------------------|--------|--|
| Dimensions (Millimeters) |       |        | Dimensions (Inches) |       |        | OVAL         |      | ROUND              | Dimensions (Inches) |        | Dimensions (Millimeters) |        |  |
| Width                    | Depth | Height | Width               | Depth | Height |              |      |                    | Dia.                | Height | Dia.                     | Height |  |
| 51.5                     | 31.56 | 02     | .031                | .242  | .36    | 36-5-370440  | 5    | 36-5R3744          | 1.65                | 2.37   | 42                       | 60     |  |
| 51.5                     | 31.56 | 02     | .031                | .242  | .36    | 36-7-370440  | 7.5  | 36-7R3744          | 1.65                | 2.37   | 42                       | 60     |  |
| 51.5                     | 31.58 | 02     | .031                | .243  | .15    | 36-10-370440 | 10   | 36-10R3744         | 1.65                | 2.78   | 42                       | 70     |  |
| 51.5                     | 31.58 | 02     | .031                | .243  | .15    | 36-12-370440 | 12.5 | 36-12R3744         | 1.65                | 2.78   | 42                       | 70     |  |
| 51.5                     | 31.58 | 02     | .031                | .243  | .15    | 36-15-370440 | 15   | 36-15R3744         | 1.65                | 3.15   | 42                       | 80     |  |
| 71.0                     | 45.08 | 02     | .801                | .773  | .15    | 36-17-370440 | 17.5 | 36-17R3744         | 1.65                | 3.15   | 42                       | 80     |  |
| 71.0                     | 45.08 | 02     | .801                | .773  | .15    | 36-20-370440 | 20   | 36-20R3744         | 1.78                | 3.15   | 45                       | 80     |  |
| 71.0                     | 45.08 | 02     | .801                | .773  | .15    | 36-25-370440 | 25   | 36-25R3744         | 1.78                | 3.54   | 45                       | 90     |  |
| 71.0                     | 45.09 | 02     | .801                | .773  | .55    | 36-30-370440 | 30   | 36-30R3744         | 2.00                | 3.94   | 50                       | 100    |  |
| 71.0                     | 45.09 | 02     | .801                | .773  | .55    | 36-35-370440 | 35   | 36-35R3744         | 2.00                | 3.94   | 50                       | 100    |  |
| 71.0                     | 45.09 | 02     | .801                | .773  | .55    | 36-40-370440 | 40   | 36-40R3744         | 2.00                | 4.33   | 50                       | 110    |  |
| 71.0                     | 45.0  | 110    | 2.80                | 1.77  | 4.33   | 36-45-370440 | 45   | 36-45R3744         | 2.00                | 4.33   | 50                       | 110    |  |
| 71.0                     | 45.0  | 110    | 2.80                | 1.77  | 4.33   | 36-50-370440 | 50   | 36-50R3744         | 2.00                | 4.33   | 50                       | 110    |  |



OVAL



ROUND

**Dual Voltage 370/440V • Dual MFD**

| 370/440 Volt Oval        |       |        |                     |       |        |              | MFD  | 370/440 Volt Round |                     |        |                          |        |  |
|--------------------------|-------|--------|---------------------|-------|--------|--------------|------|--------------------|---------------------|--------|--------------------------|--------|--|
| Dimensions (Millimeters) |       |        | Dimensions (Inches) |       |        | OVAL         |      | ROUND              | Dimensions (Inches) |        | Dimensions (Millimeters) |        |  |
| Width                    | Depth | Height | Width               | Depth | Height |              |      |                    | Dia.                | Height | Dia.                     | Height |  |
| 71.0                     | 45.08 | 02     | .801                | .773  | .15    | 36-25-5-3744 | 25/5 | 36-255R3744        | 1.97                | 3.54   | 50                       | 90     |  |
| 71.0                     | 45.0  | 100    | 2.80                | 1.77  | 3.94   | 36-30-5-3744 | 30/5 | 36-305R3744        | 1.97                | 4.16   | 50                       | 105    |  |
| 71.0                     | 45.0  | 100    | 2.80                | 1.77  | 3.94   | 36-35-5-3744 | 35/5 | 36-355R3744        | 2.17                | 4.33   | 55                       | 110    |  |
| 71.0                     | 45.0  | 110    | 2.80                | 1.77  | 4.33   | 36-40-5-3744 | 40/5 | 36-405R3744        | 2.36                | 4.72   | 60                       | 120    |  |
| 71.0                     | 45.0  | 110    | 2.80                | 1.77  | 4.33   | 36-45-5-3744 | 45/5 | 36-455R3744        | 2.36                | 4.72   | 60                       | 120    |  |



SQUARE

Higher Voltage Capacitors Can Be Substituted For Lower Voltage Applications.

**Dual Voltage 250-440V • Single MFD**

| 250-440 Volt Square      |       |        |                     |       |        |             | MFD  |
|--------------------------|-------|--------|---------------------|-------|--------|-------------|------|
| Dimensions (Millimeters) |       |        | Dimensions (Inches) |       |        | SQUARE      |      |
| Width                    | Depth | Height | Width               | Depth | Height |             |      |
| 37.0                     | 18.0  | 28.01  | .460                | .711  | .10    | 36-2S440    | 2    |
| 37.0                     | 18.0  | 28.01  | .460                | .711  | .10    | 36-3S440    | 3    |
| 37.0                     | 22.0  | 34.01  | .460                | .871  | .34    | 36-4S440    | 4    |
| 37.0                     | 22.0  | 34.01  | .460                | .871  | .34    | 36-5S440    | 5    |
| 47.0                     | 26.0  | 38.01  | .851                | .021  | .50    | 36-7.5S440  | 7.5  |
| 47.0                     | 26.0  | 38.01  | .851                | .021  | .50    | 36-8S440    | 8    |
| 58.0                     | 30.0  | 44.02  | .281                | .181  | .73    | 36-10S440   | 10   |
| 58.0                     | 30.0  | 44.02  | .281                | .181  | .73    | 36-12.5S440 | 12.5 |
| 58.0                     | 30.0  | 44.02  | .281                | .181  | .73    | 36-15S440   | 15   |
| 58.0                     | 39.0  | 50.02  | .281                | .541  | .97    | 36-20S440   | 20   |

**RO TOM RUN CAPACITORS**

- Heavy Duty, Compact Design
- UL & cUL Recognized
- Competitively Priced
- Built In Interrupter
- Largest Selection

**NOTE:**

**CAPACITORS IN SERIES**

- MFD rating decreases; Voltage increases.

$$\text{New MFD Rating} = \frac{\text{MFD}_1 \times \text{MFD}_2}{\text{MFD}_1 + \text{MFD}_2}$$

**CAPACITORS IN PARALLEL**

- MFD increases; Voltage rating stays constant.

(ex. two 5 MFD 370 V capacitors wired in parallel is the equivalent of a 10 MFD 370 V Capacitor)

$$\text{New MFD Rating} = \text{MFD}_1 + \text{MFD}_2$$

- When connected in either series or parallel it is recommended that capacitors with the same MFD ratings be used.
- Higher voltages may be substituted for lower voltages in the same MFD rating.

## Transformers

### Foot & Multi-Mount

# TITAN HD®



TF12440A



TF22440A



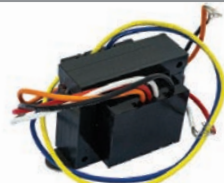
TF40224A



TF40310EM A



TF40350A



TF42440A



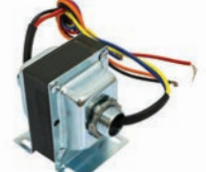
TF42450 A



TF52475A



TM12440 A



TM32440 A



TM44450A



TM52460A



TM524100A

| Item ID     | Primary VoltageV | A Rating | Secondary Rating | Mounting Option | Connection  | Direct Replacement      |
|-------------|------------------|----------|------------------|-----------------|---|-------------------------|
| TF12440A    | 120V             | 40       | 24V              | Foot            | Wire Lead   | AT140A1000, AT140B1206  |
| TM12440A    | 120V             | 40       | 24V              | Multi           | Wire Lead   | 90-4011M                |
| TF40310EMA  | 120/208/240V     | 40       | 24V              | Foot            | 1/4" Spade Terminal                               | GT40310EM, 46-101905-01 |
| TF42440A    | 120/208/240V     | 40       | 24V              | Foot            | Wire LeadA  | T140A1018,AT40A1121     |
| TF22440A2   | 08/240V4         | 0        | 24V              | Foot            | Wire Lead   | AT40A1139,AT40B1032     |
| TF40224A    | 208/240V         | 40       | 24V              | Foot            | 1/4" Spade Terminal                               | 0130M00138, 14262087    |
| TM32440A1   | 20/208/240V      | 40       | 24VM             | ulti            | Wire Lead   | 90-4021M,AT140A1026     |
| TF40350A1   | 20/208/240V      | 50       | 24V              | Foot            | Wire Lead   | GT5031F, 46-102856-02   |
| TF42450A    | 120/208/240/480V | 50       | 24V              | Foot            | Wire Lead   | GT5041C                 |
| TM44450A    | 120/208/240V     | 50       | 24V              | Multi           | Primary -Wire Lead,<br>Secondary - Screw Terminal | AT150A1007, 90-5031M    |
| TM52460A*   | 120/208/240V     | 60       | 24V              | Multi           | Wire Lead   | GT6041C, UET160         |
| TF52475A*1  | 20/208/240/480V7 | 5        | 24V              | Foot            | Wire Lead   | 90-T75C3, GT7541C       |
| TM524100A*1 | 20/208/240/480V1 | 00       | 24V              | Multi           | Wire Lead   | GT10041C                |

\* Equipped with a circuit breaker

## Definite Purpose Magnetic Contactors - Economy

### 3 Pole Models



#### Features

- 3 pole 20, 25, 30, 40, 50 & 60 amp
- Totally enclosed
- Features lug, spade terminals and protective covers
- Compact size
- Universal galvanized mounting plates
- ARI 780/790 standards
- Push to test button
- Brass/copper terminals
- Quick connect and screw terminals on coil.
- Snap on auxiliary contacts available
- cURus approved



| Part #      | Poles | Full Load Amps. | Coil Voltage 50/60 | Locked Rotor Amps |      |      | Resistive Amps. | Termination | Furnas #    |
|-------------|-------|-----------------|--------------------|-------------------|------|------|-----------------|-------------|-------------|
|             |       |                 |                    | 240V              | 480V | 600V |                 |             |             |
| DP-3P20A24  | 3     | 20              | 24                 | 120               | 100  | 80   | 30              | Box Lug     | -           |
| DP-3P20A120 | 3     | 20              | 120                | 120               | 100  | 80   | 30              |             | -           |
| DP-3P20A240 | 3     | 20              | 208/240            | 120               | 100  | 80   | 30              |             | -           |
| DP-3P25A24  | 3     | 25              | 24                 | 150               | 125  | 100  | 35              | Box Lug     | -           |
| DP-3P25A120 | 3     | 25              | 120                | 150               | 125  | 100  | 35              |             | -           |
| DP-3P25A240 | 3     | 25              | 208/240            | 150               | 125  | 100  | 35              |             | -           |
| DP-3P30A24  | 3     | 30              | 24                 | 180               | 150  | 120  | 40              | Screw Type  | 42BF35AJ    |
| DP-3P30A120 | 3     | 30              | 120                | 180               | 150  | 120  | 40              |             | 42BF35AF    |
| DP-3P30A240 | 3     | 30              | 208/240            | 180               | 150  | 120  | 40              |             | 42BF35AG    |
| DP-3P40A24  | 3     | 40              | 24                 | 240               | 200  | 160  | 50              | Box Lug     | 42CF35AJ    |
| DP-3P40A120 | 3     | 40              | 120                | 240               | 200  | 160  | 50              |             | 42CF35AF    |
| DP-3P40A240 | 3     | 40              | 208/240            | 240               | 200  | 160  | 50              |             | 42CF35AG    |
| DP-3P50A24  | 3     | 50              | 24                 | 300               | 250  | 200  | 65              | Box Lug     | 42DF35AJ    |
| DP-3P50A120 | 3     | 50              | 120                | 300               | 250  | 200  | 65              |             | 42DF35AF    |
| DP-3P50A240 | 3     | 50              | 208/240            | 300               | 250  | 200  | 65              |             | 42DF35AG    |
| DP-3P60A24  | 3     | 60              | 24                 | 360               | 300  | 240  | 75              | Box Lug     | 42EF35AJ    |
| DP-3P60A120 | 3     | 60              | 120                | 360               | 300  | 240  | 75              |             | 42EF35AF    |
| DP-3P60A240 | 3     | 60              | 208/240            | 360               | 300  | 240  | 75              |             | 42EF35AG    |
| DP-3P75A24  | 3     | 75              | 24                 | 450               | 375  | 300  | 90              | Box Lug     | 42FE35AJ106 |
| DP-3P75A120 | 3     | 75              | 120                | 450               | 375  | 300  | 90              |             | 42FE35AF106 |
| DP-3P75A240 | 3     | 75              | 208/240            | 450               | 375  | 300  | 90              |             | 42FE35AG106 |
| DP-3P90A24  | 3     | 90              | 24                 | 540               | 450  | 360  | 120             | Box Lug     | 42GE35AJ106 |
| DP-3P90A120 | 3     | 90              | 120                | 540               | 450  | 360  | 120             |             | 42GE35AF106 |
| DP-3P90A240 | 3     | 90              | 208/240            | 540               | 450  | 360  | 120             |             | 42GE35AG106 |



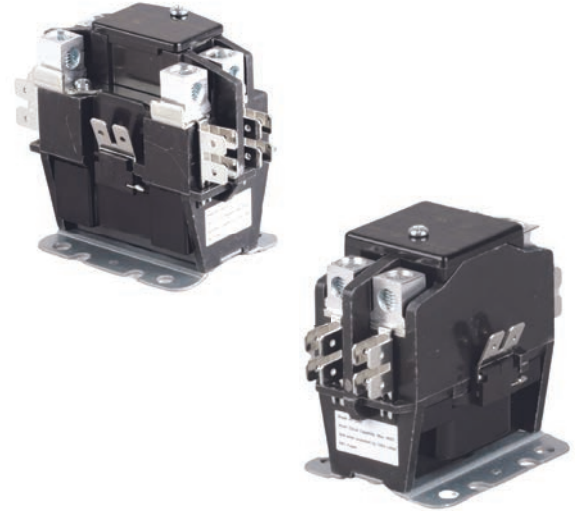
### Definite Purpose Magnetic Contactors - Economy

#### 1 Pole with Shunt & 2 Pole Models



#### Features

- 1.5 pole (1 pole with shunt) 30 & 40 amp to 2 pole 20, 25, 30 & 40 amp.
- Features lug, spade terminals and protective covers
- Compact size
- Universal galvanized mounting plates
- ARI 780/790 standards
- Brass/copper terminals
- Quick connect and screw terminals on coil.
- Snap on auxiliary contacts available
- cURus approved



| Part #      | Poles | Full Load Amps. | Coil Voltage 50/60 | Locked Rotor Amps |      |      | Resistive Amps. | Termination | Furnas #                         |
|-------------|-------|-----------------|--------------------|-------------------|------|------|-----------------|-------------|----------------------------------|
|             |       |                 |                    | 240V              | 480V | 600V |                 |             |                                  |
| DP-1P30A24  | 1.5   | 30              | 24                 | 180               | 150  | 120  | 40              | Screw Type  | 45EG10AJA                        |
| DP-1P30A120 | 1.5   | 30              | 120                | 180               | 150  | 120  | 40              |             | 45EG10AFA                        |
| DP-1P30A240 | 1.5   | 30              | 208/240            | 180               | 150  | 120  | 40              |             | 45EG10AGA                        |
| DP-1P40A24  | 1.5   | 40              | 24                 | 240               | 200  | 160  | 50              | Box Lug     | 45GG10AJAL, 45FG10AJA, 45GG10AJA |
| DP-1P40A120 | 1.5   | 40              | 120                | 240               | 200  | 160  | 50              |             | 45GG10AFAL, 45FG10AFA, 45GG10AFA |
| DP-1P40A240 | 1.5   | 40              | 208/240            | 240               | 200  | 160  | 50              |             | 45GG10AGAL, 45FG10AGA, 45GG10AGA |
| DP-2P20A24  | 2     | 20              | 24                 | 120               | 100  | 80   | 30              | Box Lug     | 45CG20AJ                         |
| DP-2P20A120 | 2     | 20              | 120                | 120               | 100  | 80   | 30              |             | 45CG20AF                         |
| DP-2P20A240 | 2     | 20              | 208/240            | 120               | 100  | 80   | 30              |             | 45CG20AG                         |
| DP-2P25A24  | 2     | 25              | 24                 | 150               | 125  | 100  | 35              | Box Lug     | 45DG20AJ                         |
| DP-2P25A120 | 2     | 25              | 120                | 150               | 125  | 100  | 35              |             | 45DG20AF                         |
| DP-2P25A240 | 2     | 25              | 208/240            | 150               | 125  | 100  | 35              |             | 45DG20AG                         |
| DP-2P30A24  | 2     | 30              | 24                 | 180               | 150  | 120  | 40              | Screw Type  | 45EG20AJ                         |
| DP-2P30A120 | 2     | 30              | 120                | 180               | 150  | 120  | 40              |             | 45EG20AF                         |
| DP-2P30A240 | 2     | 30              | 208/240            | 180               | 150  | 120  | 40              |             | 45EG20AG                         |
| DP-2P40A24  | 2     | 40              | 24                 | 240               | 200  | 160  | 50              | Box Lug     | 45GG20AJL                        |
| DP-2P40A120 | 2     | 40              | 120                | 240               | 200  | 160  | 50              |             | 45GG20AFL                        |
| DP-2P40A240 | 2     | 40              | 208/240            | 240               | 200  | 160  | 50              |             | 45GG20AGL                        |

## Definite Purpose Magnetic Contactors - Economy

### Auxiliary Switches



#### Features

- Auxilliary switches for 3 & 4 pole 30 - 90 amp "DP" series contactors
- Compact size
- cURus approved



| Switch Size                           | Part #   | Cont. Amps | Voltage Rating | Description           | Connection |
|---------------------------------------|----------|------------|----------------|-----------------------|------------|
| 3 Pole, 20-60 Amp<br>4 Pole 30-60 Amp | DP-AS3N  | 10         | 600            | 2 x SPST, N.O. & N.C. | Quick      |
|                                       | DP-AS6N  | 10         | 600            | 2 x SPST, N.O. & N.C. | Screw      |
|                                       | DP-AS7N  | 10         | 300            | SPDT, N.O. & N.C.     | Quick      |
|                                       | DP-AS8N  | 10         | 300            | 2 x SPDT, N.O. & N.C. | Quick      |
|                                       | DP-AS1N  | 10         | 600            | SPST, N.O.            | Quick      |
|                                       | DP-AS4N  | 10         | 600            | SPST, N.O.            | Screw      |
|                                       | DP-AS2N  | 10         | 600            | SPST, N.C.            | Quick      |
|                                       | DP-AS5N  | 10         | 600            | SPST, N.C.            | Screw      |
| 3 Pole, 50-60 Amp                     | DP-AS10N | 10         | 300            | SPDT, N.O. & N.C.     | Quick      |
| 3 Pole, 75-90 Amp                     | DP-AS9N  | 10         | 300            | SPDT, N.O. & N.C.     | Quick      |



### Definite Purpose Magnetic Contactors - Economy

#### 4 Pole Models

##### Features

- 4 pole 20, 25, 30 & 40 amp
- Features lug, spade terminals and protective covers
- Totally enclosed
- Compact size
- Universal galvanized mounting plates
- ARI 780/790 standards
- Push to test button
- Brass/copper terminals
- Quick connect and screw terminals on coil.
- Snap on auxiliary contacts available
- cURus approved



| Part #      | Poles | Full Load Amps. | Coil Voltage 50/60 | Locked Rotor Amp |      |      | Resistive Amps. | Termination | Furnas # |
|-------------|-------|-----------------|--------------------|------------------|------|------|-----------------|-------------|----------|
|             |       |                 |                    | 240V             | 480V | 600V |                 |             |          |
| DP-4P20A24  | 4     | 20              | 24                 | 120              | 100  | 80   | 30              | Box Lug     | -        |
| DP-4P20A120 | 4     | 20              | 120                | 120              | 100  | 80   | 30              |             | -        |
| DP-4P20A240 | 4     | 20              | 208/240            | 120              | 100  | 80   | 30              |             | -        |
| DP-4P25A24  | 4     | 25              | 24                 | 150              | 125  | 100  | 35              | Box Lug     | -        |
| DP-4P25A120 | 4     | 25              | 120                | 150              | 125  | 100  | 35              |             | -        |
| DP-4P25A240 | 4     | 25              | 208/240            | 150              | 125  | 100  | 35              |             | -        |
| DP-4P30A24  | 4     | 30              | 24                 | 180              | 150  | 120  | 40              | Screw Type  | 42BF25AJ |
| DP-4P30A120 | 4     | 30              | 120                | 180              | 150  | 120  | 40              |             | 42BF25AF |
| DP-4P30A240 | 4     | 30              | 208/240            | 180              | 150  | 120  | 40              |             | 42BF25AG |
| DP-4P40A24  | 4     | 40              | 24                 | 240              | 200  | 160  | 50              | Box Lug     | 42CF25AJ |
| DP-4P40A120 | 4     | 40              | 120                | 240              | 200  | 160  | 50              |             | 42CF25AF |
| DP-4P40A240 | 4     | 40              | 208/240            | 240              | 200  | 160  | 50              |             | 42CF25AG |

# Heat Sequencers



## Features

- Solid State PTC Heaters
- Quick-Connect Terminals
- Shock & Vibration Resistant
- Mounts in any position
- Contact Ratings - to 25 Amps at 120 or 240 Volts, and 12.5A at 480 Volts
- Full-Load Rated Auxilliary Contacts
- Standard Operating Ambience Between -50°F (-45.5°C) and 165°F (73.8°C)

## Applications

- Electric Furnaces
- Baseboard Heaters
- Duct Heaters
- Suspension Heaters
- Recreational vehicle blower and element control
- Heat pump blower and heating element control
- Motor speed switching in air conditioning ( high speed ) / heating systems handle combination motor and heater element loading in the heater function
- Control circuits requiring definite sequence on both start up and shut down

| Part #      | Timings | Switches | Timings (seconds) - OnT |        |       |       |        | Timings (seconds) - Off |       |       |       |        |
|-------------|---------|----------|-------------------------|--------|-------|-------|--------|-------------------------|-------|-------|-------|--------|
|             |         |          | M1-M2                   | M3-M4  | M5-M6 | M7-M8 | M9-M10 | M1-M2                   | M3-M4 | M5-M6 | M7-M8 | M9-M10 |
| HS-24A34-21 | 11      |          | 1-20                    |        |       |       |        | 1-60                    |       |       |       |        |
| HS-24A34-22 | 11      |          | 15-45                   |        |       |       |        | 1-30                    |       |       |       |        |
| HS-24A34-23 | 11      |          | 25-60                   |        |       |       |        | 15-45                   |       |       |       |        |
| HS-24A34-24 | 11      |          | 30-90                   |        |       |       |        | 1-40                    |       |       |       |        |
| HS-24A34-25 | 11      |          | 30-90                   |        |       |       |        | 1-30                    |       |       |       |        |
| HS-24A34-26 | 22      |          | 1-20                    | 30-90  |       |       |        | 40-90                   | 1-30  |       |       |        |
| HS-24A34-27 | 31      |          | 1-160                   |        |       |       |        | 1-160                   |       |       |       |        |
| HS-24A34-29 | 11      |          | 15-35                   |        |       |       |        | 25-55                   |       |       |       |        |
| HS-24A34-36 | 22      |          | 1-20                    | 30-904 |       |       |        | 5-1101                  | -30   |       |       |        |
| HS-24A34-37 | 31      |          | 1-110                   |        |       |       |        | 1-110                   |       |       |       |        |

## Notes

- M1-M2 and M3-M4 are always the first switches to turn on and the last to turn off. All other switches are random on and random off.
- ON TIME - Elapsed time to make contacts after heater is energized
- OFF TIME - Elapsed time to make contacts after heater is de-energized
- OFF timings determined after PTC heater has been electrified for a total of 5 minutes
- Standard Timings determined at 25°C. Timings at temperatures above or below 25° will vary

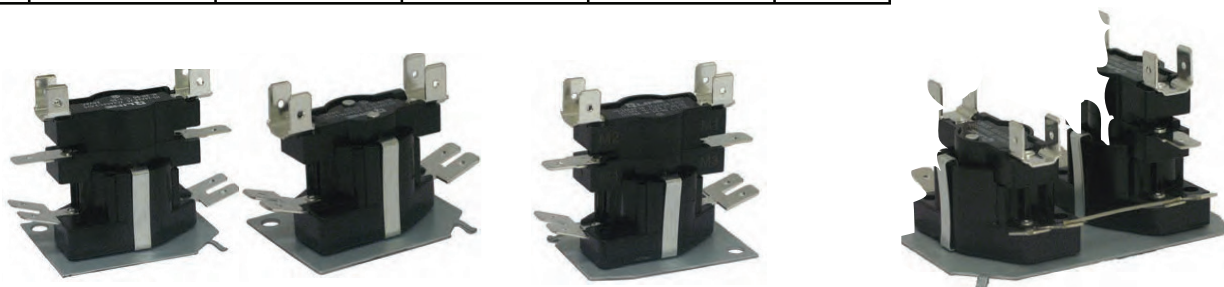
## Heater Pole

24 Vac 0.18A (anticipator)  
 0.75A Max Inrush  
 0.16 to 0.20 amps Steady State  
 Ambient Rating: - 50° to 160°F

| VAC  | Resistive (non-inductive) |      | Motor Ratings (inductive) |              | Pilot Duty |
|------|---------------------------|------|---------------------------|--------------|------------|
|      | Watts                     | Amps | Full Load                 | Locked Rotor |            |
| 1203 | 000                       | 25.0 | 10.0A                     | 60.0A        | 125VA      |
| 2406 | 000                       | 25.0 | 5.0A                      | 30.0A        | 125VA      |

## Combined Load Ratings

(all models):  
 30A @ 240 VAC - Total: 23 A non-inductive  
 + 7 FLA/42 LRA Inductive  
 Life at rated current: 100,000 cycles



## Electric Heating Restrung Coil Kits



### General Purpose Restrung Coil Kits

- Restrung kits are complete with terminal insulators, screws, washers and nuts
- Tight coil wire with 11/32" maximum outer diameter
- Packaged in a poly bag

| Item ID | Connector | Watts @ 240V | Watts @ 208V | Min (In)M | ax (In) |
|---------|-----------|--------------|--------------|-----------|---------|
| PH500*  | Bolt      | 5000         | 3750         | 40        | 125     |
| PH501   | Bolt      | 3500         | 2625         | 32        | 105     |
| PH502   | Bolt      | 2000         | 1500         | 28        | 93      |
| PH520   | Bolt      | 6600         | 4950         | 47        | 156     |

\*WITH 300" FUSE LINK



PH500  
Illustrated

### 5/8" O.D. General Purpose Coil Kits

- Large open coil heaters for wall furnaces, duct heaters, electric furnaces, bathroom heaters and combination units
- Coil is terminated with 1/4" spade terminal
- Butt screws, bushings, nuts and instructions are included

| Item ID  | Connector  | Watts @ 240V | Watts @ 208V | Min (In)M | ax (In) |
|----------|------------|--------------|--------------|-----------|---------|
| PH500FC  | 1/4" Spade | 5000         | 3750         | 25        | 70      |
| PH500FCB | Bolt       | 5000         | 3750         | 25        | 70      |
| PH501FC  | 1/4" Spade | 3500         | 2625         | 32        | 105     |
| PH501FCB | Bolt       | 3500         | 2625         | 32        | 105     |

| Item ID   | Connector  | Watts @ 480V | Min (In)M | ax (In) |
|-----------|------------|--------------|-----------|---------|
| PH500-3FC | 1/4" Spade | 5000         | 30        | 90      |



PH501FCB  
Illustrated



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