

safety line

**TEMPORARY PROTECTIVE
GROUNDING EQUIPMENT**



safety line

TEMPORARY PROTECTIVE GROUNDING EQUIPMENT

NOTE:

Salisbury by Honeywell's Safety Line grounding equipment offers solutions for all applications. This line of temporary protective grounding equipment offers a wide variety of products to meet many individual needs. These products are available in complete assemblies or individual components.

PLEASE NOTE: When ordering assemblies of grounding products, please make sure all items included in the assembly are only from the product line found within this section. Including items from other grounding equipment sections of this book will add additional shipping time.

Grounding Configurator™

The Grounding Configurator™ makes ordering grounding equipment simple and easy. This interactive web tool allows you to easily build the proper temporary grounding equipment for your specific needs. The step-by-step process takes out the guess work, and makes it easy to change components until the most appropriate ground set is developed.



Just go to our web site and give it a try. You will be prompted from start to finish. All you need to know is the maximum fault current, its duration and the size of cable required on the fault, and the configurator will do the rest. No more second guessing quantities or parts to be sure that you have put together a ground set that will function just as you expect. When you finish, enter your personal information and the configurator will instantly provide you with the bill of materials including part numbers. All that's left to do is to place the order!

Visit **salisburybyhoneywell.com** to use the exclusive Grounding Configurator™.

How to specify temporary protective grounding assemblies.

A grounding assembly in its basic form consists of two clamps, one pair of ferrules and a length of cable.

The clamps can be identical to each other or quite different depending on each grounding application. Because of this, ground clamps are sold individually, not in pairs. Salisbury offers a wide variety of clamps including C-clamps, flat jaw clamps, socket clamps, duck bill clamps and specialty clamps for unique situations. Clamps are offered in either bronze or aluminum alloys and are manufactured to meet the current specifications of ASTM F 855.

To attach a clamp to the grounding cable requires the use of a ferrule. Ferrules are compressed on the strands of the cable to provide a low resistance permanent connection. The size of the ferrule is determined by the size of the cable. Ferrules are available in aluminum, copper and tin plated copper, shrouded and non-shrouded. Plated copper ferrules can be used with either aluminum or bronze clamps. Two ferrules are required for each assembly therefore they are sold in pairs. Ferrules are manufactured to the specifications of ASTM F 855.

The final component that makes up a ground set is the grounding cable itself. The size of the cable is dependent on the short circuit current capacity of the system being grounded. Once this is determined, only the length of the cable and the color of the jacket need to be specified to complete the assembly.

Ground Set Checklist

1. Specify the clamps. Two are required for a complete assembly. The maximum amperage of the clamp is designated by the ASTM grade of each clamp. Be sure that the clamp will meet or exceed the maximum amperage rating of the ground cable that it will be used with.

2. Specify the cable. Once the short circuit capacity of the system has been determined, choose the appropriate size cable. Specify the cable length, and the color of the jacket desired.

3. Specify the ferrules. One pair of ferrules is required per assembly. The size of the ferrule must match the size of the cable that it will be used with. Make sure to specify whether the ferrule should be copper or aluminum and threaded or plain.

4. Specify the options. List any optional equipment that is desired. This can include hanger studs, contact studs, heat shrink tubing, markings, clear strain relief, etc.

Options also include a ground set label. These optional labels include the date of manufacture and are available upon request when ordering.

Additional Screw Options Available Where Designated



Bayonet Ferrule

Installs/removes ground heads equipped with bayonet studs.
 98B Quick Change 1 lbs. (0.45 kgs)
 Add suffix "U" for Universal, "Q" for Quick Change

DUCK BILL GROUNDING CLAMPS

1.13", AND 1.63" SIZES



| Cat. No. | Eye & Clamp Description | ASTM Grade / Class | Main Line Range | Continuous Current Rating | Weight ea. lbs. (kgs) |
|---|--|---------------------|---|---------------------------|-----------------------|
| 1.13" SMOOTH JAW ALUMINUM DUCK BILL CLAMPS - Threaded - w/o strain relief system | | | | | |
| 767E | Eye, Stainless Steel | 3 / A | 795 KCM ACSR to #6 | 300 RMS Amps | 1.4 (0.63) |
| 768E | Eye, Stainless Steel Open Clamp | Smooth Jaw | .19" - 1.13" 4.8mm - 28.7mm | 60Hz | 1.4 (0.63) |
| 1.63" SMOOTH JAW ALUMINUM DUCK BILL CLAMPS - Threaded | | | | | |
| 767PSE | Eye, Stainless Steel w/ AL Parking Stand | 3 / A Smooth Jaw | | 300 RMS Amps 60Hz | 1.6 (0.73) |
| 760006E | Eye, Stainless Steel | 5 / A | 954 KCM ACSR to #6 | 400 RMS Amps | 3.0 (1.36) |
| 760SR6E | Eye, Stainless Steel w/ strain relief system | Smooth Jaw | .19" - 1.63" 4.8mm - 41mm | 60Hz | 2.2 (1.00) |
| 760SR6PSE | Eye, Stainless Steel w/ AL parking stand & w/ strain relief system | | | | 1.6 (0.73) |
| 7600S6E | Eye, Stainless Steel | 5 / B | | | 3.0 (1.36) |
| 760SRS6E | Eye, Stainless Steel w/ strain relief system | Serrated | | | 2.2 (1.00) |
| 1.63" SMOOTH JAW ALUMINUM DUCK BILL CLAMPS - Pin - w/o strain relief system | | | | | |
| 761E | Eye, Stainless Steel w/ AL Parking Stand | 3 / A Smooth | 954 KCM ACSR to #6 .19" - 1.63" 4.8mm - 41mm | 300 RMS Amps 60Hz | 1.4 (0.63) |

Additional screw options available. See page 3 or contact your local Salisbury Representative for more information.

"C" TYPE GROUNDING CLAMPS

.75" SIZES



7640001E



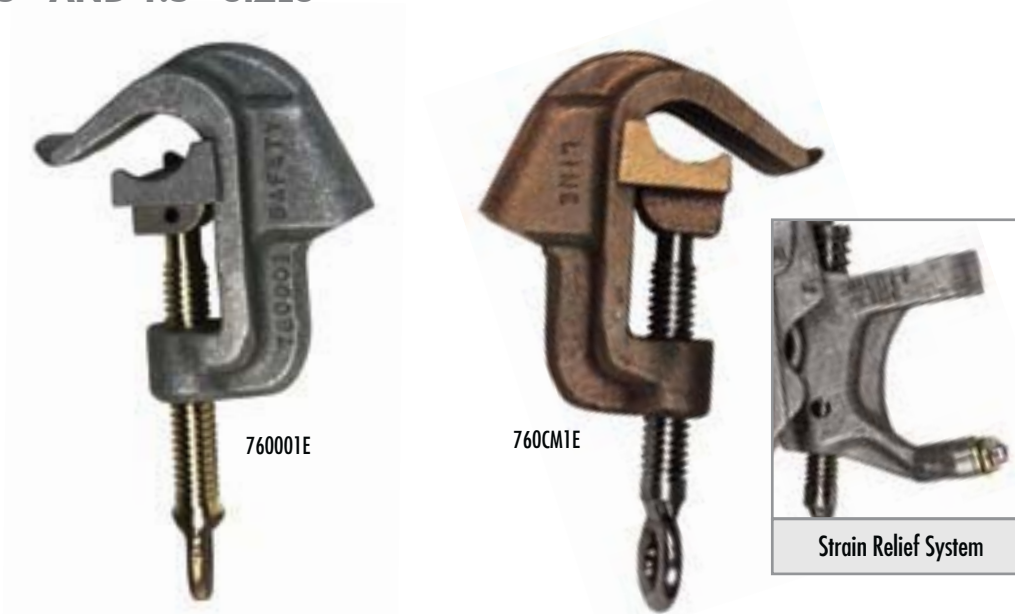
7640CMS1E

| | Cat. No. | Eye & Clamp Description | ASTM Grade / Class | Main Line Range | Continuous Current Rating | Weight ea. lbs. (kgs) |
|-----------|---|-------------------------|--------------------|--------------------------|---------------------------|-------------------------|
| ALUMINUM | 0.75" ALUMINUM "C" CLAMP - Threaded - w/o strain relief system | | | | | |
| | 7640001E | Eye, Stainless Steel | 5 / A | 2 Ø KCM ACSR | 400 RMS Amps 60Hz | 1.0 (0.45) |
| | 7640001EB | Eye, Bronze | Smooth Jaw | to #6 | | 1.0 (0.45) |
| | 76400S1E | Eye, Stainless Steel | 5 / B | .19" - .75" | 400 RMS Amps 60Hz | 1.0 (0.45) |
| 76400S1EB | Eye, Bronze | Serrated Jaw | 4.8mm - 19mm | 1.0 (0.45) | | |
| BRONZE | 0.75" BRONZE "C" CLAMP - Threaded - w/o strain relief system | | | | | |
| | 7640CM1E | Eye, Stainless Steel | 5 / A Smooth Jaw | 2 Ø KCM ACSR to #6 | 400 RMS Amps | 3.0 (1.40) |
| | 7640CMS1E | Eye, Stainless Steel | 5 / B Smooth Jaw | .19" - .75" 4.8mm - 19mm | 60Hz | 3.0 (1.40) |

Additional screw options available. See page 3 or contact your local Salisbury Representative for more information.

"C" TYPE GROUNDING CLAMPS

1.25" AND 1.5" SIZES



| Cat. No. | Eye & Clamp Description | ASTM Grade / Class | Main Line Range | Continuous Current Rating | Weight ea. lbs. (kgs) |
|----------|-------------------------|--------------------|-----------------|---------------------------|-------------------------|
|----------|-------------------------|--------------------|-----------------|---------------------------|-------------------------|

| M U N I M U L A B R O N Z E | 1.25" ALUMINUM "C" CLAMPS - Threaded - w/o strain relief system | | | | | | |
|--|---|--|-------------------------|---|----------------------|---|----------------------|
| | 760001E | Eye, Stainless Steel | 5 / A Smooth Jaw | 900 KCM ACSR to #6 .19" - 1.25" 4.8mm - 31.8mm | 400 RMS Amps 60Hz | 1.0 (0.45) | |
| | 760001EB | Eye, Bronze | | | | 1.0 (0.45) | |
| | 760001RT | Removable T | | | | 1.0 (0.45) | |
| | 760001T | T-Handle | | | | 1.0 (0.45) | |
| | 760001PSE | Eye, Stainless Steel w/ Parking Stand | | | | 1.3 (0.59) | |
| | 760001CS | Eye, Stainless Steel w/ steel parking stand | | | | 1.3 (0.59) | |
| | 7600S1PSE | Eye, Stainless Steel w/ Parking Stand | | | | 5 / B Serrated Jaw | 1.3 (0.59) |
| | 7600S1EB | Eye, Bronze | | | | 1.0 (0.45) | |
| | 1.5" ALUMINUM "C" CLAMPS - Threaded | | | | | | |
| 760SR1EB | Eye, Bronze w/ strain relief system | 5 / A Smooth Jaw | | | | 1035.5 KCM ACSR to #6 .19" - 1.5" 4.8mm - 38mm | 400 RMS Amps 60Hz |
| 760SRS1E | Eye, Stainless Steel w/ strain relief system | | | | | | |
| 1.25" BRONZE "C" CLAMPS - Threaded - w/o strain relief system | | | | | | | |
| 760CM1E | Eye, Stainless Steel | 5 / A Smooth Jaw | 900 KCM ACSR to #6 | 400 RMS Amps | 3.3 (1.50) | | |
| 760MS1E | Eye, Stainless Steel | 5 / B Serrated Jaw | .19" - 1.25" 4.8-31.8mm | 60Hz | 3.3 (1.50) | | |

Additional screw options available. See page 3 or contact your local Salisbury Representative for more information.

"C" TYPE GROUNDING CLAMPS

2.13" - 2.5" SIZE



| Cat. No. | Eye & Clamp Description | ASTM Grade / Class | Main Line Range | Continuous Current Rating | Weight ea. lbs. (kgs) |
|---|----------------------------------|---------------------|------------------------|---------------------------|-------------------------|
| 2.13" ALUMINUM "C" CLAMP - Threaded - w/o strain relief system | | | | | |
| 7660001E | Eye, Stainless Steel | 5 / A Smooth Jaw | 3000 KCM ACSR to #6 | 400 RMS Amps | 2.0 (0.91) |
| 76600S1E | Eye, Stainless Steel | 5 / B | 0.25" - 2.13" | 60Hz | 2.0 (0.91) |
| 76600S1PG | Posigrip, Stainless Steel | Serrated Jaw | 6.4mm - 54mm | | 2.0 (0.91) |
| 2.5" ALUMINUM "C" CLAMP - Threaded - w/o strain relief system | | | | | |
| 7512B | Bayonet, Stainless Steel | 5 / A | 2.0" I.P.S. to #6 | 400 RMS Amps | 4.0 (1.82) |
| 7512Q | Quick Change, Stainless Steel | Smooth Jaw | 0.5" - 2.5" | 60Hz | 4.0 (1.82) |
| 7512E | Eye, Stainless Steel | | 12.7mm - 63.5mm | | 4.0 (1.82) |

Additional screw options available. See page 3 or contact your local Salisbury Representative for more information.

BUS BAR AND BUS BAR ALLIGATOR CLAMPS



7575FTE



7542B



7541T

BRONZE

| Cat. No. | Eye & Clamp Description | ASTM Grade / Class | Main Line Range | Continuous Current Rating | Weight ea. lbs. (kgs) |
|--|--|---------------------|-------------------------------|---------------------------|-------------------------|
| 0.5" BRONZE BUS BAR ALLIGATOR CLAMPS - Threaded - w/o strain relief system | | | | | |
| 7575FE | Eye, Stainless Steel | 2 / A Smooth Jaw | 0.234" - 0.5" 6mm - 12.7mm | 250 RMS Amps 60 Hz | 2.0 (0.91) |
| 7575FEST | Eye-T, Stainless Steel | | | | 2.0 (0.91) |
| 7575FGA | Grip-All, Stainless Steel | | | | 2.0 (0.91) |
| 7575FPSE | Eye, Stainless Steel w/ Parking Stand | | | | 2.0 (0.91) |
| 0.5" BRONZE BUS BAR ALLIGATOR CLAMPS with TEETH - Threaded - w/o strain relief system | | | | | |
| 7575FTE | Eye, Stainless Steel | 2 / B | | 250 RMS Amps | 2.0 (0.91) |
| 7575FTGA | Grip-All, Stainless Steel | Serrated Jaw | 0.234"-0.5" 6-12.7mm | 60 Hz | 2.0 (0.91) |

Additional screw options available. See page 3 or contact your local Salisbury Representative for more information.

ALUMINUM

| Cat. No. | Eye & Clamp Description | ASTM Grade / Class | Main Line Range | Continuous Current Rating | Weight ea. lbs. (kgs) |
|---|---------------------------|--------------------|-----------------|---------------------------|-------------------------|
| 4.4" ALUMINUM BUS BAR CLAMPS - Threaded - w/o strain relief system | | | | | |
| 7541E | Eye, Stainless Steel | 5 / B | 0.31" - 4.25" | 400 RMS Amps | 2.0 (0.91) |
| 7541T | T-Handle, Stainless Steel | Serrated Jaw | 7.9mm - 112mm | 60Hz | 2.0 (0.91) |
| 4.4" ALUMINUM BUS BAR CLAMPS - Pin - w/o strain relief system | | | | | |
| 7542B | Bayonet, Stainless Steel | 5 / B | 0.31" - 4.25" | 400 RMS Amps | 2.0 (0.91) |
| | | Serrated Jaw | 7.9mm - 112mm | 60Hz | |

Additional screw options available. See page 3 or contact your local Salisbury Representative for more information.

LARGE SUBSTATION BUS CLAMPS



| | Cat. No. | Eye & Clamp Description | ASTM Grade / Class | Main Line Range | Continuous Current Rating | Weight ea. lbs. (kgs) |
|----------|--|-------------------------|-----------------------|---|---------------------------|-------------------------|
| ALUMINUM | 4.5" ALUMINUM SUBSTATION BUS CLAMPS - Threaded - w/o strain relief system | | | | | |
| | 7311E | Eye, Stainless Steel | 5 / A Smooth Jaw | 0.5" - 4.5" 12.7mm - 114mm | 400 RMS Amps 60Hz | 4.0 (1.82) |
| | 6" ALUMINUM SUBSTATION BUS CLAMPS - Threaded - w/o strain relief system | | | | | |
| | R101DE | Eye, Stainless Steel | 5 / B Serrated Jaw | 1 Ø I.P.S. 0.5" - 6" 12.7mm - 152mm | 400 RMS Amps 60Hz | 4.0 (1.82) |
| | 7" ALUMINUM SUBSTATION BUS CLAMPS - Threaded - w/o strain relief system | | | | | |
| | 73065E | Eye, Stainless Steel | 5 / B Smooth Jaw | 0.4" - 7" 10.2mm - 178mm | 400 RMS Amps 60Hz | 6.7 (3.00) |
| | 4.5" ALUMINUM SUBSTATION BUS CLAMPS - Pin - w/o strain relief system | | | | | |
| | 7310E | Eye, Stainless Steel | 5 / A Smooth Jaw | 1/2" I.P.S. 0.5"-4.5" 12.7-114mm | 400 RMS Amps 60Hz | 4.0 (1.82) |

Additional screw options available. See page 3 or contact your local Salisbury Representative for more information.

GROUNDING CLAMPS FOR FLATS & ANGLES



760CM3E

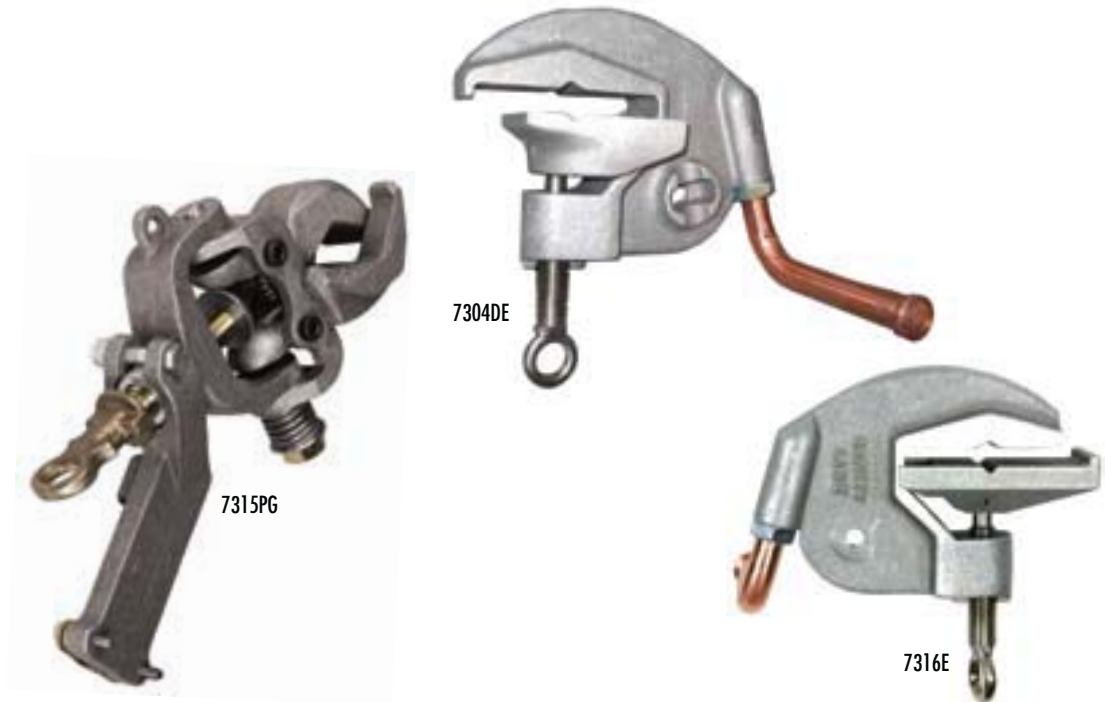


73025T

| | Cat. No. | Eye & Clamp Description | ASTM Grade / Class | Main Line Range | Continuous Current Rating | Weight ea. lbs. (kgs) |
|----------|---|---|-----------------------|--------------------------------|---------------------------|-------------------------|
| ALUMINUM | 1.4" ALUMINUM FLAT FACE CLAMPS - Pin - w/o strain relief system | | | | | |
| | 760002E | Eye, Stainless Steel | 5 / B | | 400 RMS Amps | 1.0 (0.45) |
| | 760002EB | Eye, Bronze | Serrated Jaw | 0.19" - 1.4" | 60Hz | 1.0 (0.45) |
| | 760002T | T-Handle, Stainless Steel | | 4.8mm - 35.6mm | | 1.0 (0.45) |
| ALUMINUM | 1.4" ALUMINUM FLAT FACE CLAMPS - Threaded | | | | | |
| | 760SR3E | Eye, Stainless Steel w/ strain relief system | 5 / B Serrated Jaw | 0.19" - 1.4" 4.8mm - 35.6mm | 400 RMS Amps 60Hz | 1.5 (0.68) |
| BRONZE | 1.4" BRONZE FLAT FACE CLAMPS - Threaded | | | | | |
| | 760CMSR3E | Eye, Stainless Steel w/ strain relief system | 5 / B Serrated Jaw | 0.19" - 1.4" 4.8mm - 35.6mm | 400 RMS Amps 60Hz | 4.5 (2.0) |
| ALUMINUM | 1.5" ALUMINUM FLAT FACE CLAMPS - Threaded - w/o strain relief system | | | | | |
| | 760003B | Bayonet, Stainless Steel | 5 / B | | 400 RMS Amps | 1.2 (0.54) |
| | 760003E | Eye, Stainless Steel | Serrated Jaw | 0.19" - 1.5" | 60Hz | 1.2 (0.54) |
| | 760003EB | Eye, Stainless Steel | | 4.8mm - 38mm | | 1.2 (0.54) |
| BRONZE | 1.5" BRONZE FLAT FACE CLAMPS - Threaded - w/o strain relief system | | | | | |
| | 760CM3T | T-Handle, Stainless Steel | 5 / B Serrated Jaw | 0.19" - 1.5" 4.8mm - 38mm | 400 RMS Amps 60Hz | 3.2 (1.40) |

Additional screw options available. See page 3 or contact your local Salisbury Representative for more information.

GROUNDING CLAMPS FOR FLATS & ANGLES



| Cat. No. | Eye & Clamp Description | ASTM Grade / Class | Main Line Range | Continuous Current Rating | Weight ea. lbs. (kgs) |
|---|---------------------------|--|----------------------|---------------------------|-------------------------|
| 2.5" ALUMINUM ALL ANGLE CLAMPS - Threaded - w/o strain relief system | | | | | |
| 7315E | Eye, Stainless Steel | 5 / B | 2" I.P.S. to #4 | 400 RMS Amps | 4.3 (2.00) |
| 7315B | Bayonet, Stainless Steel | Serrated Jaw | 0.25" - 2.5" | 60Hz | 4.3 (2.00) |
| 7315PG | Posigrip, Bronze | | 6.4mm - 57mm | | 4.3 (2.00) |
| 2.5" ALUMINUM TOWER ANGLE CLAMPS - Threaded - w/o strain relief system | | | | | |
| 73025T | T-Handle, Stainless Steel | 5 / A Smooth Jaw | 0.3" - 1.6" 8-41mm | 400 RMS Amps 60Hz | 2.5 (1.14) |
| 4" ALUMINUM TOWER ANGLE CLAMPS - Threaded - w/o strain relief system | | | | | |
| 7304T | T-Handle, Stainless Steel | 5 / A Smooth Jaw | 0.25" - 0.94" 6-24mm | 400 RMS Amps 60Hz | 3.3 (1.50) |
| 4" ALUMINUM TOWER ANGLE CLAMPS - Pin + Threaded - w/o strain relief system | | | | | |
| 7314T | T-Handle, Stainless Steel | 5 / A | 0.25" - 0.94" 6-24mm | 400 RMS Amps | 3.3 (1.50) |
| 7320SB | Bayonet, Stainless Steel | Smooth Jaw | 0.4" - 2.5" 10-64mm | 60Hz | 5.0 (2.27) |
| 4" ALUMINUM TOWER ANGLE CLAMP - Pin - with Spike Point, No Ground Lead | | | | | |
| 7320PGA | Grip-All, Stainless Steel | 5 / A Smooth Jaw | 0.25" - 0.94" 6-24mm | 400 RMS Amps 60Hz | 3.3 (1.50) |
| 4" AL. TOWER ANGLE CLAMPS with Copper Parking Stand - Rated for 49kA for 15 cycles w/ X/R=25 | | | | | |
| 7316E | Eye, Stainless Steel | Exceeds Grade 5 Smooth Jaw - Inside Angle Clamp | 4" max. | | - |
| 7304DE | Eye, Stainless Steel | Exceeds Grade 5 Smooth Jaw - Outside Angle Clamp | 4" max. | | - |

Additional screw options available. See page 3 or contact your local Salisbury Representative for more information.

CUTOUT CLAMPS

Cutout Clamps are applied with a clampstick into the bottom hinge contact of a cutout. This clamp can be used as part of a ground assembly or by using a contact stud using a standard grounding assembly with “C” clamps from the stud to ground.



| Cat. No. | Eye & Clamp Description | ASTM Grade / Class | Main Line Range | Continuous Current Rating | Weight ea. lbs. (kgs) |
|---|---|---------------------|-----------------|---------------------------|-------------------------|
| 1.63" ALUMINUM CUTOUT CLAMPS - Threaded - w/o strain relief sleeve | | | | | |
| 7640002E | Eye, Stainless Steel | 3 / A Smooth Jaw | 0.188" - 1.63" | 300 RMS Amps 60Hz | 1.0 (0.45) |
| 7640002EB | Eye, Bronze | | | | 1.0 (0.45) |
| 7640002PSE | Eye, Stainless Steel w/ Al. Dbl. Parking Stand | | | | 1.2 (0.5) |
| 7640002PSEB | Eye, Bronze w/ Al. Dbl. Parking Stand | | | | 1.2 (0.5) |
| 1.63" BRONZE CUTOUT CLAMPS - Threaded - w/o strain relief sleeve | | | | | |
| 7640CM2T | T-Handle, Stainless Steel | 3 / A Smooth Jaw | 0.188" - 1.63" | 300 RMS Amps 60Hz | 2.0 (0.91) |

Additional screw options available. See page 3 or contact your local Salisbury Representative for more information.

ALUMINUM
BRONZE

RUNNING RAIL CLAMPS

The **Running Power Rail Ground Set** is made up of 7561A power rail clamp and 7560 running rail clamp connected with three feet (91.4 cm) of 4/0 PVC-jacketed copper cable. Set includes one 10024BC, 1" x 24" (2.5 x 61 cm) fiberglass handle with bayonet to operate the power rail clamp.



| Cat. No. | Eye & Clamp Description | ASTM Grade / Class | Main Line Range | Continuous Current Rating | Weight ea. lbs. (kgs) |
|--|---|--------------------|-----------------|---------------------------|-------------------------|
| 5.75" ALUMINUM RUNNING RAIL CLAMP - Pin | | | | | |
| 7560 | Toggle Handle, Stainless Steel | 5 / B Smooth Jaw | 5" - 5.75" | 400 RMS Amps 60Hz | 5.0 (2.27) |
| 4" ALUMINUM POWER RAIL CLAMP - Pin | | | | | |
| 7561A | Bayonet, SS | 5 / B Smooth Jaw | 0" - 4" | 400 RMS Amps 60Hz | 7.0 (3.17) |
| 4" ALUMINUM POWER RAIL CLAMP - Threaded | | | | | |
| 7561B | Bayonet, SS | 5 / B Smooth Jaw | 0" - 4" | 400 RMS Amps 60Hz | 7.0 (3.17) |
| TRAVELING GROUND | | | | | |
| 7561 | Running Power Rail Ground Set | Grade 5 | | | 15 (6.80) |
| 1.63" ALUMINUM TRAVELING GROUND CLAMPS - Pin/Threaded | | | | | |
| 78000 | Eye, Stainless Steel w/ Contact Stud | 3 / A Smooth Jaw | 0.125" - 1.63" | 300 RMS Amps 60Hz | 10 (4.54) |

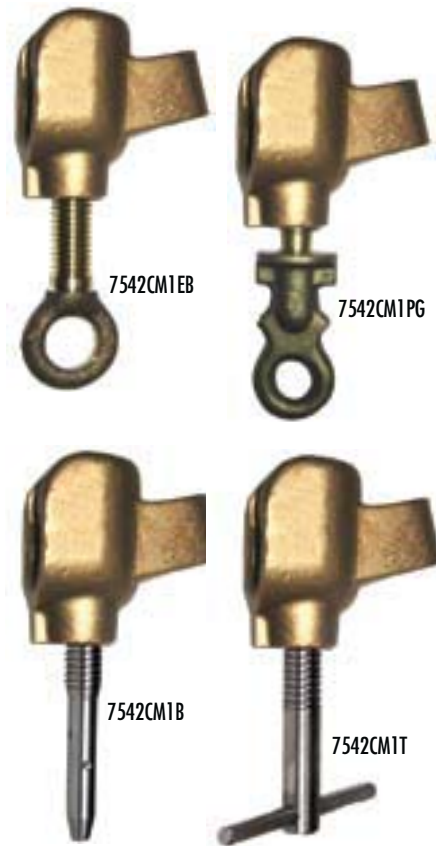
Additional screw options available. See page 3 or contact your local Salisbury Representative for more information.

BALL & SOCKET SYSTEM

SOCKET CLAMP

The **Ball and Socket Grounding System** has a lightweight compact design and allows for variable angle accessibility. These clamps are made from bronze alloy and have a socket size of 1" (25.4mm) with a threaded bore boss of 5/8"-11 UNC. There are fixed grounding points on the socket clamp.

See page J-3 for ball socket studs and accessories available.



| Cat. No. | Description | ASTM Grade | Continuous Current Rating | Weight ea. lbs. (kgs) |
|-----------|--------------------------------------|------------|---------------------------|------------------------|
| 7542CM1B | Smooth Jaw, Threaded w/ Bayonet, SS | 5 | 400 | 1.5 (.68) |
| 7542CM1E | Smooth Jaw, Threaded w/ Eye, SS | 5 | 400 | 1.5 (.68) |
| 7542CM1PG | Smooth Jaw, Threaded w/ Posigrip, BR | 5 | 400 | 1.5 (.68) |
| 7542CM1T | Smooth Jaw, Threaded w/ T-Handle, SS | 5 | 400 | 1.5 (.68) |
| 7542CM2E | Smooth Jaw, Pin w/ Eye, SS | 5 | 400 | 1.9 (.86) |

Additional screw options available. See page 3 or contact your local Salisbury Representative for more information.

GROUNDING CABLES FOR SAFETY LINE SETS

Grounding Cables are made with extra flexible strand of soft drawn #30 AWG (.01") copper and are available in three different jackets.

The transparent flexible thermoplastic (PVC) jacketed cable allows easy inspection for strand breakage. The flexibility decreases with low temperatures. The service temperature ranges from 140° to -40°F per ASTM F 855, Type III requirements.

The yellow thermoplastic elastomer jacketed cable is the standard for grounding service. It provides a combination of economy, flexibility, and durability. The service temperature ranges from 200° to -50°F per ASTM F 855, Type I requirements.

The black thermoplastic elastomer jacketed cable has a smaller diameter and thinner jacket material giving it better flexibility than the yellow cable. The service temperature ranges from 200° to -50°F per ASTM F 855, Type I requirements.



| | Cat. No. | Conductor Size | Conductor Typ. O.D. | Jacket Typ. O.D. | ASTM F855 Grade | Fault Duty 15 Cycles | Wt. / ft. lbs. (kgs) |
|-----------|----------|----------------|---------------------|------------------|-----------------|----------------------|------------------------|
| CLEAR PVC | 73310XF | #10 | .11" | .25" | n/a | n/a | 0.06 (0.09) |
| | 7336XF | #6 | .21" | .37" | n/a | 3.5 | 0.13 (0.19) |
| | 7340XF | #2 | .33" | .50" | 1 | 14.0 | 0.29 (0.43) |
| | 7341XF | 1/0 | .45" | .64" | 2 | 21.0 | 0.52 (0.77) |
| | 7342XF | 2/0 | .47" | .66" | 3 | 27.0 | 0.54 (0.80) |
| | 7343XF | 4/0 | .63" | .84" | 5 | 43.0 | 0.84 (1.25) |
| YELLOW | 7340XFY | #2 | .33" | .50" | 1 | 14.0 | 0.29 (0.43) |
| | 7341XFY | 1/0 | .45" | .64" | 2 | 21.0 | 0.52 (0.77) |
| | 7342XFY | 2/0 | .47" | .66" | 3 | 27.0 | 0.54 (0.80) |
| | 7343XFY | 4/0 | .63" | .84" | 5 | 43.0 | 0.84 (1.25) |
| BLACK | 7340XFB | #2 | .33" | .50" | 1 | 14.0 | 0.29 (0.43) |
| | 7341XFB | 1/0 | .45" | .64" | 2 | 21.0 | 0.52 (0.77) |
| | 7342XFB | 2/0 | .47" | .66" | 3 | 27.0 | 0.54 (0.80) |
| | 7333XFB | 3/0 | .55" | .72" | 4 | 36.0 | 0.68 (0.30) |
| | 7343XFB | 4/0 | .62" | .78" | 5 | 43.0 | 0.77 (0.35) |

THREADED & PIN FERRULES FOR SAFETY LINE SETS

For **Threaded Ferrules** (Terminals) the recommended torque applied during installation of jam nut for threaded ferrules is 20 ft.-lb. These threaded ferrules include one brass jam nut and one lock washer. For **Pin Terminals** the recommended torque applied during installation of pin ferrule eye bolts is 28 ft.-lb.



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| Cat. No. | Conductor Size | Style | Stud Size | Body Die Codes | Shroud Die Codes | Length Stripped inches |
|-------------------|----------------|----------|-----------|----------------|------------------|------------------------|
| SHROUDED | | | | | | |
| 760001CT40* | #2 | Threaded | 5/8-11 | U27RT | U27ART | 1-5/8 |
| 7600011CT41* | 1/0 | Threaded | 5/8-11 | T&B 66 | B75-AH | 1-15/16 |
| 7600011CT42* | 2/0 | Threaded | 5/8-11 | T&B 66 | B75-AH | 2 |
| 76CT43* | 4/0 | Threaded | 5/8-11 | T&B 66 | B75-AH | 2 |
| 760001PT40* | #2 | Pin | 11/16 | U27RT | U27ART | 1-5/8 |
| 7600011PT41* | 1/0 | Pin | 11/16 | T&B 66 | B75-AH | 1-15/16 |
| 7600011PT42* | 2/0 | Pin | 11/16 | T&B 66 | B75-AH | 2 |
| 76PT43* | 4/0 | Pin | 11/16 | T&B 66 | B75-AH | 2 |
| UNSHROUDED | | | | | | |
| 98132022* | #2 | Threaded | 5/8-11 | U243 | - | 1-5/16 |
| 98132023* | 1/0 | Threaded | 5/8-11 | U243 | - | 1-5/16 |
| 98132024* | 2/0 | Threaded | 5/8-11 | T&B 60 | - | 1-5/16 |
| 98132025* | 4/0 | Threaded | 5/8-11 | T&B 62 | - | 1-5/16 |
| 98132022P* | #2 | Pin | 11/16 | U243 | - | 1-5/16 |
| 98132023P* | 1/0 | Pin | 11/16 | U243 | - | 1-5/16 |
| 98132024P* | 2/0 | Pin | 11/16 | T&B 60 | - | 1-5/16 |
| 98132025P* | 4/0 | Pin | 11/16 | T&B 62 | - | 1-5/16 |

Add suffix "T" to the catalog number when requesting tin-plated copper.

| | | | | | | |
|-------------------|-----|----------|--------|--------|--------|---------|
| SHROUDED | | | | | | |
| 760001AT40* | #2 | Threaded | 5/8-11 | U27RT | U27ART | 1-5/8 |
| 7600011AT41* | 1/0 | Threaded | 5/8-11 | T&B 66 | B75-AH | 1-15/16 |
| 7600011AT42* | 2/0 | Threaded | 5/8-11 | T&B 66 | B75-AH | 2 |
| 76AT43* | 4/0 | Threaded | 5/8-11 | T&B 66 | B75-AH | 2 |
| 760001PA40* | #2 | Pin | 11/16 | U27RT | U27ART | 1-5/8 |
| 7600011PA41* | 1/0 | Pin | 11/16 | T&B 66 | B75-AH | 1-15/16 |
| 7600011PA42* | 2/0 | Pin | 11/16 | T&B 66 | B75-AH | 2 |
| 76PA43* | 4/0 | Pin | 11/16 | T&B 66 | B75-AH | 2 |
| UNSHROUDED | | | | | | |
| 98132A22* | #2 | Threaded | 5/8-11 | U243 | - | 1-5/16 |
| 98132A23* | 1/0 | Threaded | 5/8-11 | U243 | - | 1-5/16 |
| 98132A24* | 2/0 | Threaded | 5/8-11 | T&B 60 | - | 1-5/16 |
| 98132A25* | 4/0 | Threaded | 5/8-11 | T&B 62 | - | 1-5/16 |
| 98132A22P* | #2 | Pin | 11/16 | U243 | - | 1-5/16 |
| 98132A23P* | 1/0 | Pin | 11/16 | U243 | - | 1-5/16 |
| 98132A24P* | 2/0 | Pin | 11/16 | T&B 60 | - | 1-5/16 |
| 98132A25P* | 4/0 | Pin | 11/16 | T&B 62 | - | 1-5/16 |

GROUNDING SETS

SINGLE POINT DISTRIBUTION GROUNDING SET

Sets for Grounded “Y” Systems provide all the equipment required to safely ground a variety of structures on a grounded “Y” distribution systems. Factory assembled kits are for conductors ranging from #6 to 1-1/2” (3.8 cm) diameter, with serrated jaw “C” clamps with threaded terminals. All clamps are supplied with eye screws for installation with clampstick (not included). Other lengths and configurations are available.

Standard Equipotential Grounding Sets provide all the equipment required to safely ground a variety of structures on delta distribution systems. Factory assembled kits are for conductors ranging from #6 to 1-1/2” (3.8 cm) diameter, with smooth or serrated jaw clamps with threaded terminals. All clamps are supplied with eye screws for installation with grip-all clampsticks (not included). Other lengths and configurations are available.



| Cat. No. | Cable Size | Fault Duty 15 Cycles | ASTM Grade | Weight ea. lbs. (kgs) |
|------------------------------|--|----------------------|------------|-----------------------|
| GROUNDING “Y” SYSTEMS | | | | |
| 763S011 | 2/0 | 27 kA | 3 | 69 (31.3) |
| 763S45 | 4/0 | 43kA | 5 | 110 (49.9) |
| | Complete Grounded “Y” Set Includes | | | |
| | 3 - 6’ (1.83 m) Line Jumpers | | | |
| | 1 - 12’ (3.66 m) Line to Ground Jumper | | | |
| | 1 - 60’ (18.3 m) Ground Lead | | | |
| | 1 - Pole Band | | | |
| | 1 - Pole Band Extension | | | |
| | 1 - Flat Face Clamp (760003E) | | | |
| | 1 - Protective Bag | | | |
| EQUIPOTENTIAL DELTA | | | | |
| 7600011 | 2/0 | 27 kA | 3 | 62 (28.1) |
| 760045 | 4/0 | 43 kA | 5 | 100 (45.4) |
| | Complete Delta Set Includes | | | |
| | 2 - 6’ (1.83 m) Line Jumpers | | | |
| | 1 - 12’ (3.66 m) Line to Ground Jumper | | | |
| | 1 - 60’ (18.3 m) Ground Lead | | | |
| | 1 - Pole Band | | | |
| | 1 - Pole Band Extension | | | |
| | 1 - Flat Face Clamp (760003E) | | | |
| | 1 - Protective Bag | | | |

Optional ground set label available upon request when ordering.

GROUNDING SETS

BALL SOCKET 4-WAY CONNECTER SETS

Ball Socket 4-Way Connector Sets are designed for variable angle accessibility, three-phase grounding. It is supplied with three-foot leads and six feet of cable from a common connection to ground. Upper heads are ball socket clamps (7542CM1E). Lower ground head is standard “C” type ground head (760001E) with a range of #6 to 1-1/4” (32 mm). Ball studs needed but not included.



| Cat. No. | Cable Size | Fault Duty 15 Cycles | ASTM Grade | Weight ea. lbs. (kgs) |
|-------------|------------|----------------------|------------|-----------------------|
| 75420010236 | #2 | 14.5 kA | 1 | 9 (4.08) |
| 75420011036 | 1/0 | 21 kA | 2 | 12 (5.44) |
| 75420012036 | 2/0 | 27 kA | 3 | 14 (6.35) |

Optional ground set label available upon request when ordering.

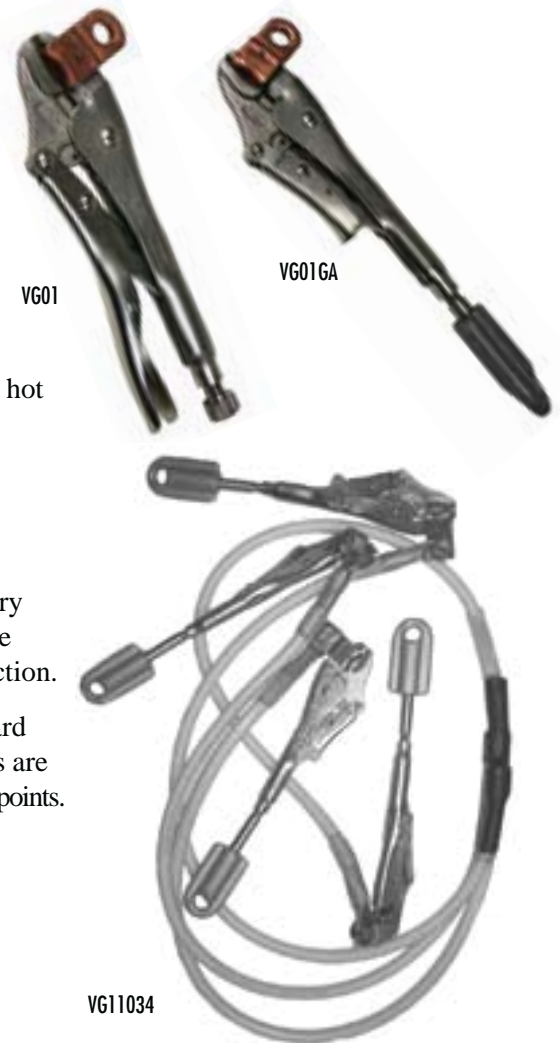
GROUNDING SETS

QUICK GRIP GROUND CLAMPS & GROUNDING SETS

Quick Grip Clamps are specifically designed and ideally suited for temporary grounding where spacing and orientation of components limit the use of traditional ground clamps. The Quick Grip Ground Clamp is available with a Grip-All eye or a Bayonet fitting for installation with a live line tool.

- Available in both the traditional style (VG01) and a hot stick operated version (VG01GA and VG01B).
- Available in a single lead ground jumper or grounding set with 1, 3 or 4 leads for grounding of single or three-phase secondary terminals.
- Fitted with a copper overlay, riveted to the stationary jaw, connected to a grounding jumper with one hole NEMA connector to assure a low resistance connection.
- The grounding set connection is made using standard copper compression connectors and all connections are covered with a heat-shrink tube to reduce fatigue at stress points.
- The locking jaw pliers are equally suited for flat or rounded terminals.

Optional flat jaw available.



| Cat. No. Standard | Cat. No. Flat Jaw | Description | Cable Length ft. (m) | ASTM Grade | Weight lbs. (kgs) |
|--|-------------------|--|----------------------|------------|-------------------|
| QUICK GRIP GROUND CLAMPS & GROUNDING SETS, Clamp Opening: Min. 0.125" - Max. 1.5" | | | | | |
| VG01 | VGF01 | Locking Pliers, Cu Overlay | N/A | 3 | 1.5 (0.68) |
| VG01B | VGF01B | Locking Pliers, Cu Overlay, Bayonet | N/A | 3 | 1.6 (0.73) |
| VG01GA | VGF01GA | Locking Pliers, Cu Overlay, Grip-All | N/A | 3 | 1.6 (0.73) |
| VG01013 | VGF01013 | Single Lead, 1/0 x 3' with VG01 | 3 (0.914) | 3 | 3.6 (1.63) |
| VG01033 | VGF01033 | Grounding Set, 3 Leads, 1/0 x 3' with VG01 | 9 (2.743) | 3 | 10.5 (4.77) |
| VG01034 | VGF01034 | Grounding Set, 4 Leads, 1/0 x 3' with VG01 | 12 (3.657) | 3 | 13.2 (5.99) |
| VG11013 | VGF11013 | Single Lead, 1/0 x 3' with VG01GA | 3 (0.914) | 3 | 3.7 (1.68) |
| VG11013B | VGF11013B | Single Lead, 1/0 x 3' with VG01GB | 3 (0.914) | 3 | 3.7 (1.68) |
| VG11033 | VGF11033 | Grounding Set, 3 Leads, 1/0 x 3' with VG01GA | 9 (2.743) | 3 | 10.8 (4.9) |
| VG11033B | VGF11033B | Grounding Set, 3 Leads, 1/0 x 3' with VG01GB | 9 (2.743) | 3 | 10.8 (4.9) |
| VG11034 | VGF11034 | Grounding Set, 4 Leads, 1/0 x 3' with VG01GA | 12 (3.657) | 3 | 13.6 (6.17) |
| VG11034B | VGF11034B | Grounding Set, 4 Leads, 1/0 x 3' with VG01GA | 12 (3.657) | 3 | 13.6 (6.17) |

Optional ground set label available upon request when ordering.

SALISBURY by Honeywell

GROUNDING SETS

4 WAY CONNECTOR SET

The **4-Way Connector Sets** are made with #2 clear-jacketed, extra flexible cable, three 8-foot (2.44 m) leads from the heads to the common connection, and one 50-foot (15.25 m) lead from the common connection to the ground connection. The grounding 4-way connector set has a fixture to raise and lower the set which can be easily tied onto the pole. The 752076 grounding 4-way connector set is also supplied with 3 fiberglass handles (10078BC) and bag. The 752576 grounding 4-way connector set requires a clampstick. Sets come with bags. Other lengths and configurations available. Meets ASTM F 855 Grade 1 specifications. Maximum fault duty is 14.5 kA for 15 cycles.



| Cat. No. | Description | Max. Opening in. (cm) | ASTM Grade | Weight ea. lbs. (kgs) |
|----------|---|--------------------------|---------------|--------------------------|
| 752076 | 4-Way Connector Set w/ "C" Type Clamps, Bayonet | 1 1/4 (3.2) | 1 | 32 (14.5) |
| 752576 | 4-Way Connector Set w/ "C" Type Clamps, Eye | 1 1/4 (3.2) | 1 | 39 (17.9) |

Optional ground set label available upon request when ordering.

GROUNDING SETS

4 WAY CONNECTOR & SQUEEZE-ONS

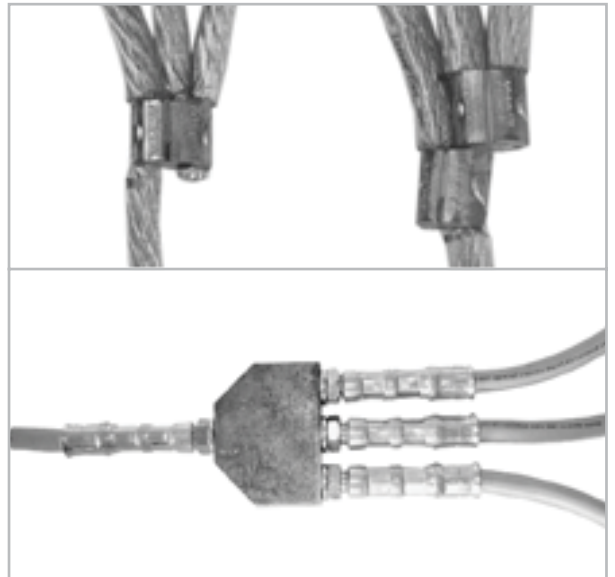
4-way connectors are used to create a common connection between the conductor leads and the ground lead of a ground set.



CB36



76630882



| Cat. No. | Description | Qty. Required | Weight oz. (g) |
|-----------------------------------|--------------------------------|---------------|----------------|
| CONNECTORS For Ground Sets | | | |
| 76630882 | Squeeze-on for #2 Cable | 1 | 4 (112) |
| 76630782 | Squeeze-on for 1/0 - 4/0 Cable | 2 | 4 (112) |
| CB36 | 4-Way Set Block , Cu | 1 | 3 (1.36) |
| CA36 | 4-Way Set Block, Al | 1 | 2 (0.9) |

GROUNDING SETS

INDUSTRIAL GROUND 4-WAY GROUND SETS

The **Industrial Ground Set** consists of three upper ground heads, one lower head, visible trifurcation, six-foot (1.83m) leads to common connections, and a twenty foot lead from common to ground connection. All ground heads (7541B and 7541T) will accept 4" x 4" (10.2 x 10.2 cm) copper or aluminum bus configurations.



Also includes a bag and a tag for installation at the main disconnect point. The 7551 includes a one-foot fiberglass handle (10012BC) for installing upper heads.

NOTE: 8106C clampstick (not included) must be used to apply 7551GA grounds. Other lengths available. Conductor size is 2/0 copper. Meets ASTM F-855 Grade 3 specifications. Maximum fault duty is 27kA for 15 cycles.

Lightweight Industrial Ground Sets are designed for smaller conductor size applications. Clamps used include screws with eyes (GA attachments) for use with a clampstick. #2 extra flexible copper ground cable is used throughout. The 75FGT0266 has six-foot (1.83 m) leads to the common connection and a six-foot lead from the common connection to ground. The 7640244GA uses four-foot (1.22 m) leads throughout. Sets include a bag. Other lengths and configurations are available.



| Cat. No. | Description | ASTM Grade | Weight lbs. (kgs) |
|----------|-------------|------------|---------------------|
|----------|-------------|------------|---------------------|

INDUSTRIAL GROUND SETS

| | | | |
|--------|---------------------------------------|---|-------------|
| 7551 | Industrial Ground Set - with Bayonet | 1 | 35 (15.8) |
| 7551GA | Industrial Ground Ser - with Grip-All | 3 | 35 (15.8) |

Optional ground set label available upon request when ordering.

| Cat. No. | Description | Clamp Used | Fault Duty 15 Cycles | ASTM Grade | Weight ea. lbs. (kgs) |
|----------|-------------|------------|----------------------|------------|-------------------------|
|----------|-------------|------------|----------------------|------------|-------------------------|

LIGHTWEIGHT INDUSTRIAL GROUND SETS

| | | | | | |
|-----------|-------------------|----------|---------|---|-------------|
| 75FGT0266 | Lightweight | 7575FTE | 14.5 kA | 1 | 15 (6.80) |
| 7640244GA | Ultra Lightweight | 7640001E | 14.5 kA | 1 | 13 (5.90) |

Optional ground set label available upon request when ordering.

GROUNDING SETS

Ground Sets include three upper heads and are easily and safely attached to the line with the fiberglass handles. The ground heads have a maximum opening of 1-3/4" (4.4 cm) and can be applied to angle irons, flat busses as well as on-line wires.

A tight, four-point contact is made with the quick adjusting screw. The handles are easily removed when necessary. The lifting fixture provides ease when raising and lowering the set, and eliminates hanging the entire ground set's weight on the conductor. Other lengths and configurations available.



7661FG

Parking studs provide a temporary location to attach ground clamps when raising or lowering multiple ground leads.

Shrink tube for terminal connection strain relief fits #2 through 4/0 terminals and ground cable.

| Cat. No. | Cable Size | Fault Duty 15 Cycles | ASTM Grade | Weight ea. lbs. (kgs) |
|--|------------|-------------------------|---------------|----------------------------|
| 766FG | #2 | 14.5 kA | 1 | 42 (19.0) |
| 7661FG | 1/0 | 21 kA | 2 | 43 (19.5) |
| Standard Ground Set Includes 3 - Upper Heads 1 - Lower Head 1 - Leather, Lace and Lifting Ring 74 - Cable only with 8-foot leads to common connection, and 50' from common connection to ground connection 3 - 6'6" (1.98 m) Fiberglass Handles 1 - Bag for Handles 1 Bag for Ground Set | | | | |

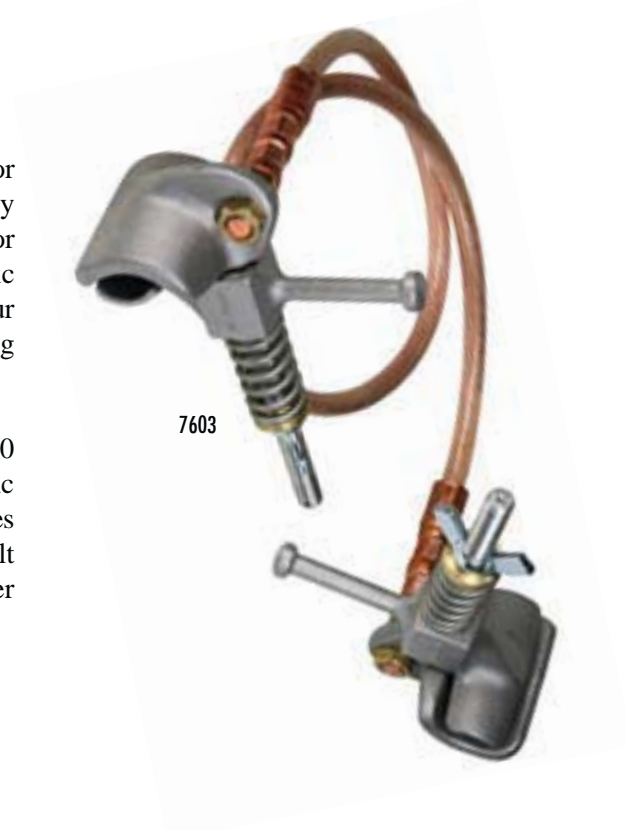
Optional ground set label available upon request when ordering.

| Cat. No. | Description | Weight oz. (g) |
|----------------------|----------------------------------|---------------------|
| PARKING STUDS | | |
| 76000APS | Single Stud | 3 (84) |
| SHRINK TUBE | | |
| 761ST | 6" (15 cm) for Shrouded Ferrules | 6 (168) |

NEUTRAL JUMPER ASSEMBLY

The **Concentric Neutral Jumper Assembly** is used for bonding purposes on non-jacketed cable. It is usually installed across a portion of cable to be cut, repaired, or spliced. The assembly is left in place until the concentric neutral is spliced. As a safety precaution, follow all of your organization's applicable rules and/or policies pertaining to faulted cable, spiking, and grounding.

Made with two ground clamps and 4 feet (1.22 m) of 1/0 clear jacketed extra flexible copper cable. The concentric neutral ground clamp is spring pressured. The assemblies have a continuous current rating of 250 amps and fault rated to ASTM Grade 1, 14 KA for 15 cycles. Other lengths are available. Bag not included.



| Cat. No. | Description | For Cable Diameter in. (cm) | Weight lbs. (kgs) |
|---|---------------------|----------------------------------|------------------------|
| CONCENTRIC NEUTRAL JUMPER ASSEMBLY | | | |
| 7603 | Assembly | 3/4 to 2 (1.9 - 5.1) | 12 (5.44) |
| 7603GA | Grip-All Assembly | 3/4 to 2 (1.9 - 5.1) | 12 (5.44) |
| 7604 | Assembly | 2 to 4 (5.1 - 10.2) | 12 (5.44) |
| 7604GA | Grip-All Assembly | 2 to 4 (5.1 - 10.2) | 12 (5.44) |
| Parts | | | |
| 7603C | Clamp with Wing Nut | | 4 (1.81) |
| 7603CGA | Clamp with Grip-All | | 4 (1.81) |
| 7604C | Clamp with Wing Nut | | 4 (1.81) |
| 7604CGA | Clamp with Grip-All | | 4 (1.81) |

Optional ground set label available upon request when ordering.

UNDERGROUND DEAD BREAK SET & URD ASSEMBLY

The components of the **Underground Dead Break Ground Set** provide safe and simple grounding methods on padmount transformers or any related URD equipment. These grounds can be ordered in complete sets or individual components. The jumpers are made with 6 foot (1.83 m) lengths of #2, clear-jacketed, extra flexible cable. Clamps (7640001E) supplied include an eye for a grip-all insulating stick application.

The **URD Grounding Assembly** is used for underground personal protective grounding elbow used for grounding pad-mounted equipment, switches and transformers when performing de-energized maintenance on URD distribution systems, and draining DC capacitive charges from de-energized URD cables.



764156STGESO



ES10YB615LB

| Cat. No. | QTY | Description | Weight lbs. (kgs) |
|--|-----|---|---------------------|
| 15 KV UNDERGROUND DEAD BREAK GROUND SET | | | |
| Local Loop | | | |
| 764156STGESO | | Full Assembly with Bag | 21 (9.52) |
| Assembly Includes: | | | |
| 764156234H | 3 | Ground Jumper, 6' (1.83 m) | 6 (2.72) |
| 764000ST | 3 | Ground Stud for Low Profile Transformer | 1 (0.45) |
| 764015GE | 3 | 15 kV Ground Elbow | 1 (0.45) |
| 764015S0 | 3 | 15 kV Ground Standoff with Spring Bail | 1 (0.45) |
| B1715 | 1 | Protective Bag | 2 (0.91) |

Optional ground set label available upon request when ordering.

| Cat. No. | Description | Weight lbs. (kgs) |
|-------------------------------|---------------|---------------------|
| URD GROUNDING ASSEMBLY | | |
| ES10Y615LB | Single, 15 kV | 9 (4.08) |
| ES1Y21015LB | Set, 15 kV | 22 (9.98) |
| ES10Y625LB | Single, 25 kV | 10 (4.53) |
| ES1Y21025LB | Set, 25 kV | 23 (10.43) |
| ES10Y635LB | Single, 35 kV | 10 (4.53) |
| ES1Y21035LB | Set, 35 kV | 23 (10.43) |

Optional ground set label available upon request when ordering.

SALISBURY by Honeywell

GROUNDING BUSHING SETS & ELBOW GROUNDING SETS

200 AMP

The **single Grounded Bushing Set** is a single lead made from 6 feet (1.83 m) of 1/0 cable. The bushing set consists of 3 bushing assemblies connected together with 3-foot (0.92 m) leads to a common connection, and 10 feet (3.05 m) from common connection to ground. The conductor is made of 1/0 clear jacketed copper stranded cable. The ground clamp (7640001E) can be applied with a clampstick. Sets come complete with bag; single leads do not. All sets are rated for 10 kA for 10 cycles. Other lengths and configurations are available.

Ground Bushings with Connections (parking stands for ‘J’ boxes or padmounts) provide a safe, convenient ground for elbows and a “positive” test to ensure a de-energized elbow.

The **Elbow Grounding Set** includes a single lead made from 6 feet (1.83 m) of 1/0 cable. This set consists of 3 elbow assemblies connected together with 3-foot (0.92 m) leads to a common connection, and 10-foot (3.05 m) from a common connection to ground. The conductor is made of 1/0 clear jacketed copper stranded cable. A ground clamp (7640001E) can be applied with a clampstick. Sets are rated for a maximum fault current of 10,000 amps for 10 cycles. Sets come complete with bag; single leads do not. Other lengths and configurations are available.



| Cat. No. | Description | Weight lbs. (kgs) |
|----------|-------------|-------------------|
|----------|-------------|-------------------|

200 AMP GROUNDED BUSHING SETS

Dead Break

| | | |
|-----------|---------------|-----------|
| EB100615 | Single, 15 kV | 8 (3.63) |
| EB1021015 | Set, 15 kV | 20 (9.30) |

Load Break

| | | |
|-------------|---------------|------------|
| EB100615LB | Single, 15 kV | 9 (4.08) |
| EB1021015LB | Set, 15 kV | 22 (9.98) |
| EB100625LB | Single, 25 kV | 10 (4.53) |
| EB1021025LB | Set, 25 kV | 23 (10.43) |

Optional ground set label available upon request when ordering.

| Cat. No. | Description | Weight lbs. (kgs) |
|----------|-------------|-------------------|
|----------|-------------|-------------------|

200 AMP GROUNDED BUSHINGS WITH CONNECTIONS

Dead Break

| | | |
|----------|-------|----------|
| 764015SO | 15 kV | 1 (0.45) |
|----------|-------|----------|

Load Break

| | | |
|--------------|-------|----------|
| 764150015LSO | 15 kV | 2 (0.91) |
| 764150025LSO | 25 kV | 4 (1.81) |

Optional ground set label available upon request when ordering.

| Cat. No. | Description | Weight lbs. (kgs) |
|----------|-------------|-------------------|
|----------|-------------|-------------------|

200 AMP ELBOW GROUNDING SETS

Dead Break

| | | |
|-----------|---------------|-----------|
| ES100615 | Single, 15 kV | 8 (3.63) |
| ES1021015 | Set, 15 kV | 20 (9.30) |

Load Break

| | | |
|-------------|------------------|------------|
| ES100615LB | Single, 15 kV | 9 (4.08) |
| ES1021015LB | Set, 15 kV | 22 (9.98) |
| ES1LY635 | Single, 35 kV | 10 (4.53) |
| ES3LY635 | Set, 35 kV | 23 (10.43) |
| ES100625LB | Single, 25/35 kV | 10 (4.53) |
| ES1021025LB | Set, 25/35 kV | 23 (10.43) |

Optional ground set label available upon request when ordering.

ASTM TABLES

ASTM F855-09 Table 1 - Protective Grounding Clamp Ratings

TABLE 1 Protective Ground Cable, Ferrule, Clamp and Assembly Ratings for Symmetrical Current

| Grade | Grounding Clamp Torque Strength, min | | | | Short Circuit Properties ^A | | | | | | | | Continuous Current Rating, A RMS, 60 Hz | | |
|-------|--------------------------------------|-----|----------|-----|---|----|--------------------|---|----|--------------------|-----------|--------------------|---|-----------------|--------------------------------|
| | Yield ^B | | Ultimate | | Withstand Rating, Symmetrical kA RMS, 60 Hz | | | Ultimate Rating Capacity ^{C,D} , Symmetrical kA RMS, 60 Hz | | | | | | | |
| | | | | | 15 cycles (250 ms) | | 30 cycles (500 ms) | Copper Cable Size | | 15 cycles (250 ms) | | 30 cycles (500 ms) | | 60 cycles (1 s) | Maximum Copper Test Cable Size |
| | lbf-in. | n-m | lbf-in. | n-m | | | | | | | | | | | |
| 1 | 280 | 32 | 330 | 37 | 14 | 10 | #2 | 18 | 13 | 9 | 2/0 | 200 | | | |
| 2 | 280 | 32 | 330 | 37 | 21 | 15 | 1/0 | 29 | 21 | 14 | 4/0 | 250 | | | |
| 3 | 280 | 32 | 330 | 37 | 27 | 20 | 2/0 | 37 | 26 | 18 | 4/0 | 300 | | | |
| 4 | 330 | 37 | 400 | 45 | 34 | 25 | 3/0 | 47 | 33 | 23 | 250 kcmil | 350 | | | |
| 5 | 330 | 37 | 400 | 45 | 43 | 30 | 4/0 | 59 | 42 | 29 | 250 kcmil | 400 | | | |
| 6 | 330 | 37 | 400 | 45 | 54 | 39 | 250 kcmil or 2 2/0 | 70 | 49 | 35 | 350 kcmil | 450 | | | |
| 7 | 330 | 37 | 400 | 45 | 74 | 54 | 350 kcmil or 2 4/0 | 98 | 69 | 48 | 550 kcmil | 550 | | | |

^A Withstand and ultimate short circuit properties are based on performance with surges not exceeding 20 % asymmetry factor (see 9.1 and 12.3.4.2).

^B Yield shall mean no permanent deformation such that the clamp cannot be reused throughout its entire range of application.

^C Ultimate rating represents a symmetrical current which the assembly or individual components shall carry for the specified time.

^D Ultimate values are based upon application of Onderdonk's equation to 98 % of nominal circular mil area allowed by Specifications B 172 and B 173.

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ASTM F855-09 Table 2 - Grounding Cable Ferrule and Assembly Ratings

TABLE 2 Ultimate Assembly Rating for High X/R Ratio Applications

| Grade | Size | High Asymmetrical Test Requirements | | | |
|------------------------|---------|-------------------------------------|-----------------------------|--------|------------------------------|
| | | Rating Rated Current (kA) | X/R = 30 | | Last Cycle Current Peak (kA) |
| | | | 1st Cycle Current Peak (kA) | X 2.69 | |
| Test Duration (cycles) | | | | | |
| 1H | No. 2 | 15 | 41 | 23 | 15 |
| 2H | 1/0 | 25 | 65 | 37 | 15 |
| 3H | 2/0 | 31 | 84 | 46 | 15 |
| 4H | 3/0 | 39 | 105 | 58 | 15 |
| 5H | 4/0 | 47 | 126 | 70 | 15 |
| 6H | 250 MCM | 55 | 148 | 82 | 15 |
| 7H | 350 MCM | 68 | 183 | 101 | 15 |

NOTE 1—The above current values are based on electromechanical test values.

NOTE 2—Assemblies that have been subjected to these shall not be re-used.

NOTE 3—For use with currents exceeding 20 % asymmetry factor.

NOTE 4—See X4.7.2 for additional information.

NOTE 5—Alternate testing circuits are available for laboratories that cannot achieve the above requirements. See Appendix X4 for details.

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