Apparatus Grounding Clamps

Ball-and-socket design for multiple uses

For restricted-space applications and as a truck-grounding system, this compact design delivers a high-current rating usually associated with only large clamps.

It applies to a wide range of switching equipment, including:

- Industrial metalclad gear,
- Substations — indoors and out,
- Distribution — overhead and underground.

For trucks, a *ball stud permanently mounts on each body. For three-phase livefront set, see page 3015.

Two clamp styles and three ball-stud lengths adapt to many applications. Clamp bodies, eyescrews and *ball-studs are bronze alloy. Tin-plated ball-studs have nominal 1”-diameter ball and stud to fit NEMA terminal pads. Lockwasher and nut are silicone bronze.

ASTM Designation of Type I, Class A, Grade 5 for any of these clamps is met if associated grounding-cable sets are fitted with 5⁄8” copper ferrules as on page 3019.

Fault Current Ratings

- 43,000 Amps — 15 cycles
- 30,000 Amps — 30 cycles

Recommended Installing Torques:

- Eyescrew 250 inch-pounds
- *Ball Stud 300 inch-pounds

Long stud shank accepts most types of grounding clamps

Socket clamps provide multi-angle attachment of grounds

Grounding Stud Cover — fits onto 1” ball-studs of Apparatus Grounding Clamps above

This flexible cover fits only C6002102 or T6002364 ball-studs. Of the same material as Chance line hose, nonconductive cover may help prevent flashover on ball studs installed in enclosed switchgear, switchyards or substations.

An environmental protector to reduce corrosion and contamination on the ball-stud when energized cover is not intended for personnel protection and should not be considered as insulative cover-up equipment. Resilient ozone/corona-resistant thermo-plastic elastomer does not absorb water. Special formulation resists aging/checking and retains high-visibility orange color.

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<thead>
<tr>
<th>Catalog No.</th>
<th>Description</th>
<th>Weight</th>
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<tr>
<td>C4060416</td>
<td>Grounding Stud Cover</td>
<td>1 oz. (28 g.)</td>
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