

15-GLE200 25-GLE200 35-GLE200

200A, 15 kV, 25kV & 35kV Grounding Elbow



APPLICATION

The Chardon Grounding Elbow provides a circuit between energized and nonenergized sections of the distribution line. The Grounding Elbow can be assembled on the loadbreak bushing insert, feed thru Insert or junction of a pad-mounted transformer or other apparatus.

The Chardon Grounding Elbow is molded with high quality yellow EPDM insulating rubber and features a copper connector and tin-plated copper probe. Each grounding elbow comes with a standard 6' (190cm) 1/0, 600V copper grounding cable.

Cables, transformers, and switchgear can be visibly grounded using the 15, 25 & 35 kV

Grounding Elbows on their own or combined with a feed-through of the same voltage and current rating.

The Grounding Elbows are designed to mate with 200A loadbreak bushings and accessories conforming to IEEE Std 386™ standard (rated 8.3/14.4 kV for 15 kV Grounding Elbows, 15.2/26.3 kV for 25 kV Grounding Elbows, and 21.1/36.6 kV for 35 kV Grounding Elbows).

ORDERING INFORMATION

Each 15kV, 25kV and 35kV Ground Elbow kit includes the following:

- Grounding Elbow Kit (Grounding Elbow, 6' (190 cm) 1/0 Yellow Cable Crimped with Lug, Probe)
- / Silicone Grease
- Installation Instruction Sheet
- / Clamp Kit (Optional)

To order a Chardon 15kV, 25kV or 35 kV Grounding Elbow kit, follow the steps below:

15 kV Grounding Elbow	15-GLE200
25 kV Grounding Elbow	25-GLE200
35 kV Grounding Elbow	35-GLE200
15kV Grounding Elbow + Clamp Kit	15-GLE200CK
25kV Grounding Elbow + Clamp Kit	25-GLE200CK
35kV Grounding Elbow + Clamp Kit	35-GLE200CK

DETAILED COMPOSITION OF GROUNDING ELBOW

/ PULLING EYE

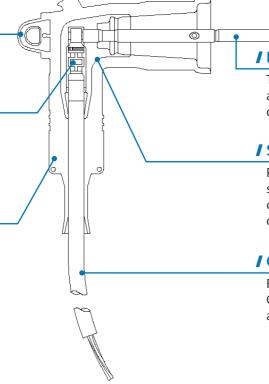
Stainless steel pulling eye for hotstick switching operations.

I BI-METAL CONNECTOR

Bi-metal compression connector is sized to ensure a cool running connection with maximum current transfer.

I EPDM INSULATION

High quality peroxided cured yellow EPDM insulation is mixed and formulated in-house for complete control of rubber characteristics.



/ PROBE

Tin plated copper probe with arc extinguishing tip, allows for dependable switching operations.

/ SEMICONDUCTING INSERT

Precision molded peroxide cured semiconducting insert provides corona-free electrostatic shielding of the compression connector.

/ COPPER CABLE

Flexible, All-Weather 600 V Insulated Copper Cable ensures easy handling and positive grounding.

CHARDON GROUNDING ELBOW CLAMP



• 15/25/35-GLE200-081122-REV01



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