

600A ,15/25kV Class Standoff Bushing



APPLICATION

The Chardon 600A 15/25 kV Standoff Bushings fully meet the requirements of IEEE Standard 386-2009. The high quality, insulating epoxy molded bushing, has a single deadbreak interface and is used in pad-mount cabinets, underground vaults and other apparatus to isolate and sectionalize an energized cable.

The Insulated Standoff Bushings are designed to be installed in the parking stand bracket mounted on the transformer or other apparatus. A cable is connected to the system ground when needed. The bushing

provides a fully shielded, submersible temporary or permanent connection for 600A deadbreak operation.

All standoff bushing brackets have a stainless steel eyebolt which secures the standoff bushing to the parking stand. The eyebolt is designed to be used with a hotstick operation.

The Chardon Insulated Standoff Bushing can be used for 900A applications by specifying a copper conductor when ordering.

PRODUCTION TESTS

Tests conducted in accordance with IEEE/ANSI Standard 386™:

- Partial Discharge – 19 kV $\leq 5\text{pC}$
- AC 60 Hz 1 Minute Withstand – 40 kV

Tests conducted in accordance with Chardon requirements:

- Physical Inspection
- Periodic Dissection
- Periodic Fluoroscopic Analysis

VOLTAGE RATINGS

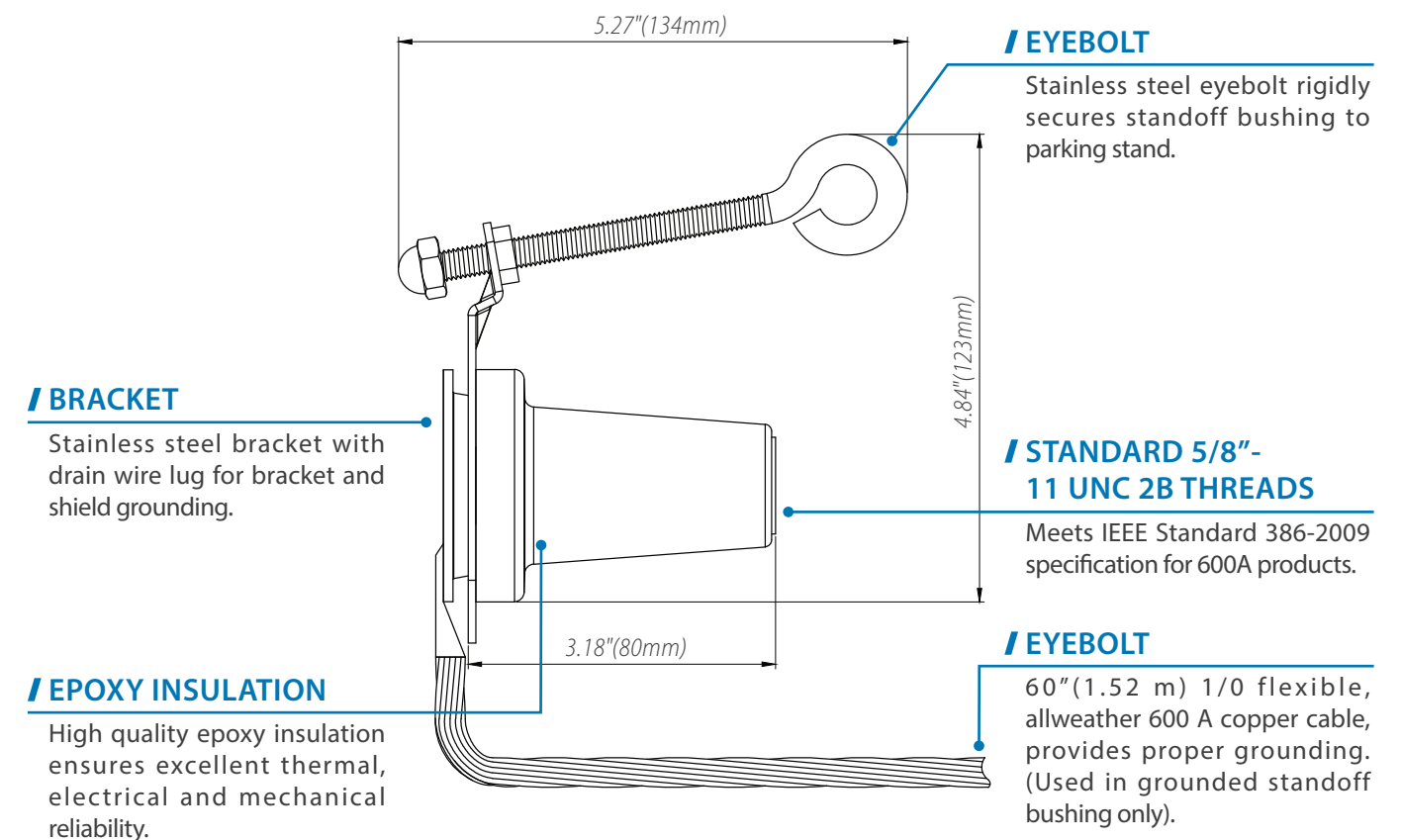
Voltage Class	25 kV
Max. Rating Phase to Ground	15.2 kV
AC 1 Minute Withstand	40 kV
DC 15 Minute Withstand	78 kV
BIL and Full Wave Crest	125 kV
Partial Discharge	19 kV≤5pC

CURRENT RATINGS

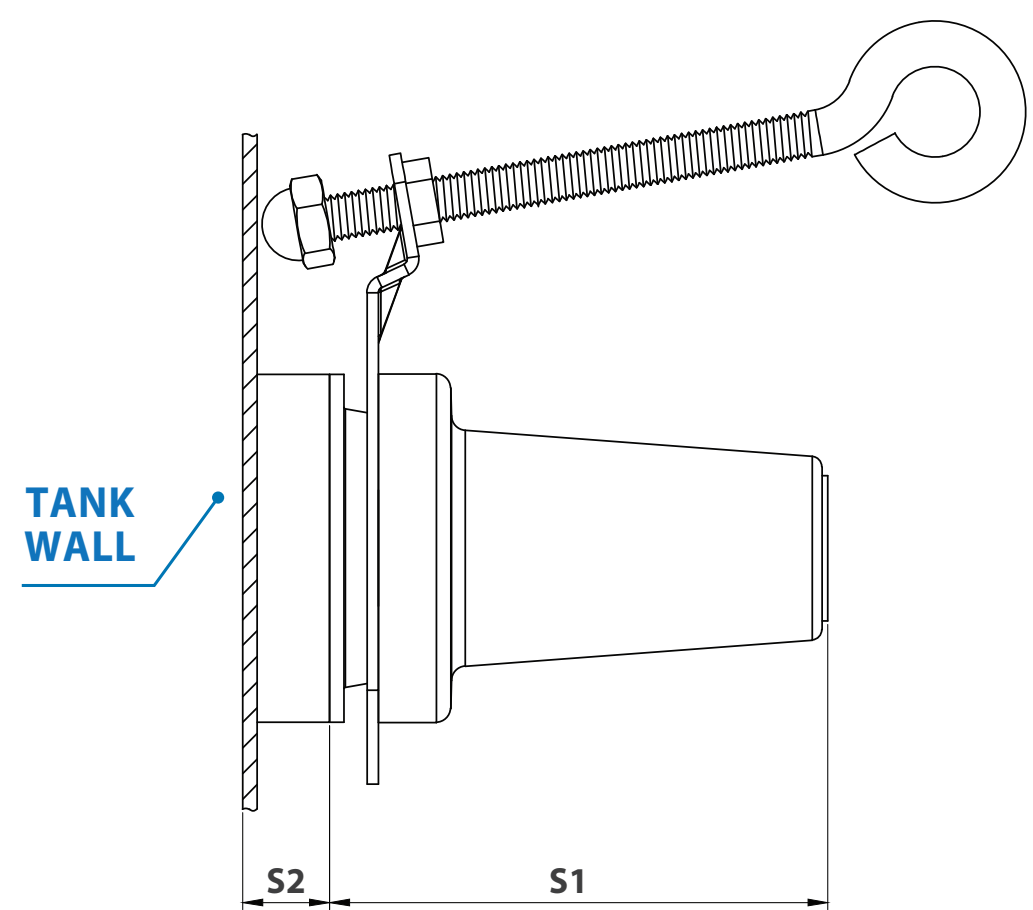
(Grounded Standoff Bushing Only)

Description	Amperes
Shot Time	25,000 A rms symmetrical for 0.16s

DETAILED COMPOSITION OF THE CHARDON STANDOFF BUSHING



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CHARDON STANDOFF BUSHING



15\25\	
S1	3.44"(87mm)
S2	0.6"(15mm)

ORDERING INFORMATION

Chardon Standoff Bushing

Each kit Contains:

- / Standoff Bushing with Bracket
- / Shipping Cap
- / Silicone Grease
- / Installation Instruction Sheet

To order a Chardon 15/25kV Standoff Bushing , follow the steps below:

25-SOB-600	"X"	"Y"	"Z"
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- "X" = Enter **G** for grounded bushing, enter **I** for insulated bushing.
"Y" = Enter **A** for aluminum conductor, enter **C** for copper conductor.
"Z" = Leave blank if no stud required, Enter **S** for an Aluminum stud or **C** for a copper stud.

Example :
To order an aluminum insulated standoff bushing with a stud, order the following number: 25SOB600-IAS.



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