

**IEC Separable Connectors  
17 kV/50 kV Coupling (Rear)  
T-Body Surge Arrester**



## APPLICATION

The Chardon T-Body Surge Arrester is an arrester combined within a coupling(rear) T-Body interface. It is designed to protect

apparatus, including transformers, switchgear, and other equipment from high voltage surges due to lightning or switching.

## KEY FEATURES

- / Provides fully shielded deadfront arrester protection.
- / Metal (zinc) Oxide Varistor (MOV) gapless design.
- / EPDM insulation rubber molded around MOV module.
- / Mounting can be vertical, horizontal, or any angle in between.
- / No minimum phase clearance requirements.
- / 100% electrical tested at factory.

## PRODUCT RATINGS

|   |              |
|---|--------------|
| Maximum Voltage Class ( $U_m$ )               | 17 kV        |
| Nominal Discharge Current of Arrester         | 5 kA         |
| Residual Voltage of Nominal Discharge Current | $\leq 50$ kV |
| Maximum Continuous Operating Voltage          | 13.6 kV      |
| Voltage of DC 1mA Current                     | $\geq 25$ kV |

## PRODUCTION TESTS

### Tests conducted in accordance with IEC 60099-4.

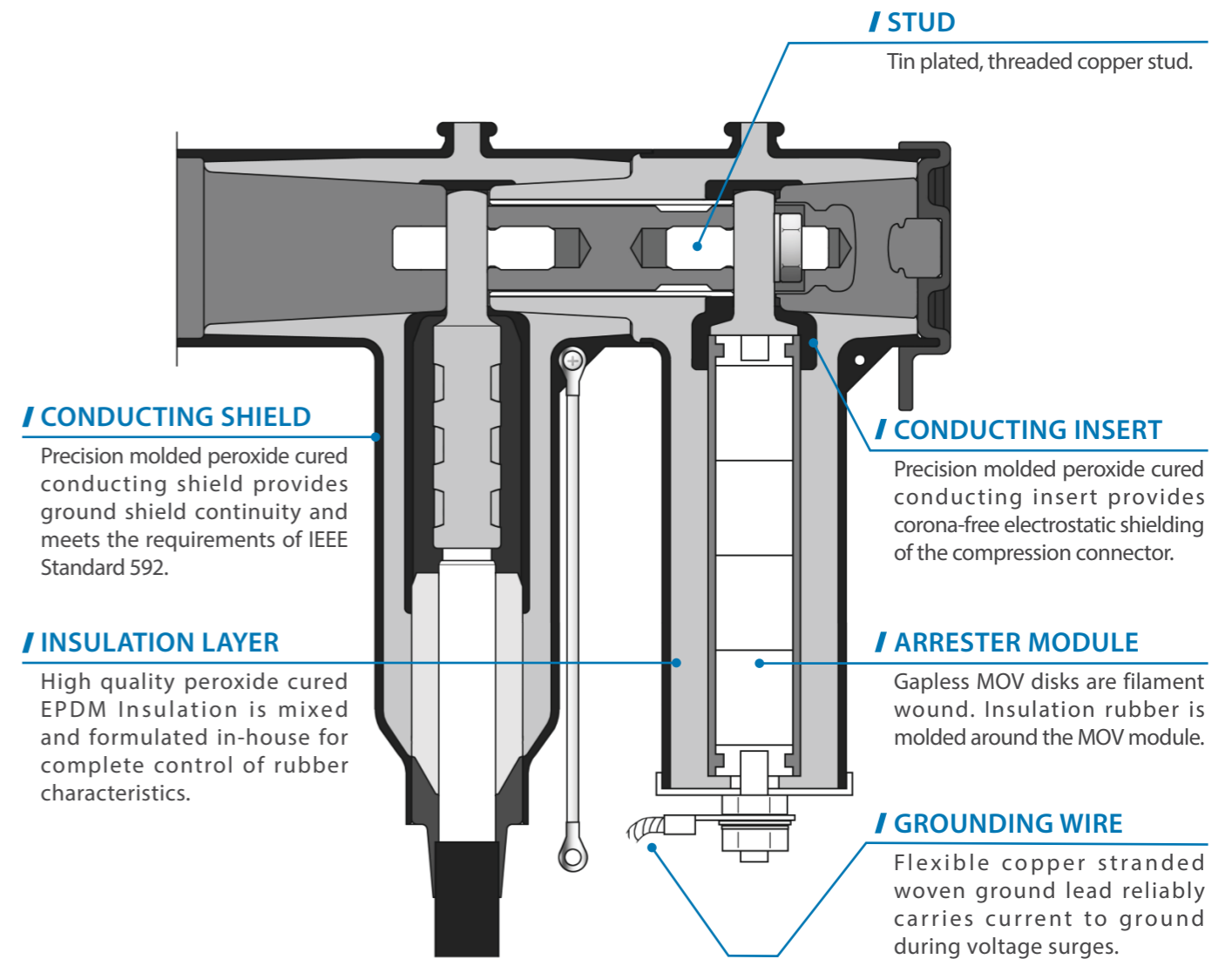
- / Minimum Corona Voltage Level – 15kV < 3pc
- / Voltage of DC 1mA Current –  $\geq 25$ kV

### Tests conducted in accordance with Chardon manufacturing process requirements:

- / Physical Inspection
- / Periodic Dissection
- / Periodic X-ray Analysis

• 17KV-IEC-TBS-REV010615

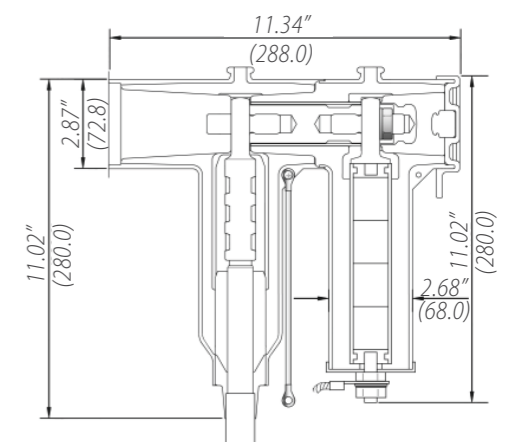
## DETAILED COMPOSITION OF THE CHARDON 17 KV/50 KV COUPLING (REAR) T-BODY SURGE ARRESTER



## ORDERING INFORMATION

17kV/50kV Coupling(Rear)T-body Surge Arrester

17-RDTA50





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