

**IEC Separable Connectors  
34 kV/85 kV ; 34 kV/95 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

	34-RDTA85	34-RDTA95-10
Rated Voltage Class (Ur)	34 kV	34 kV
Nominal Discharge Current of Arrester	5 kA	10 kA
Residual Voltage of Nominal Discharge Current	≤ 85 kV	≤ 95 kV
Maximum Continuous Operating Voltage	27.2 kV	27.2 kV
Voltage of DC 1mA Current	≥ 48 kV	≥ 48 kV

## PRODUCTION TESTS

Tests conducted in accordance with IEC 60099-4.

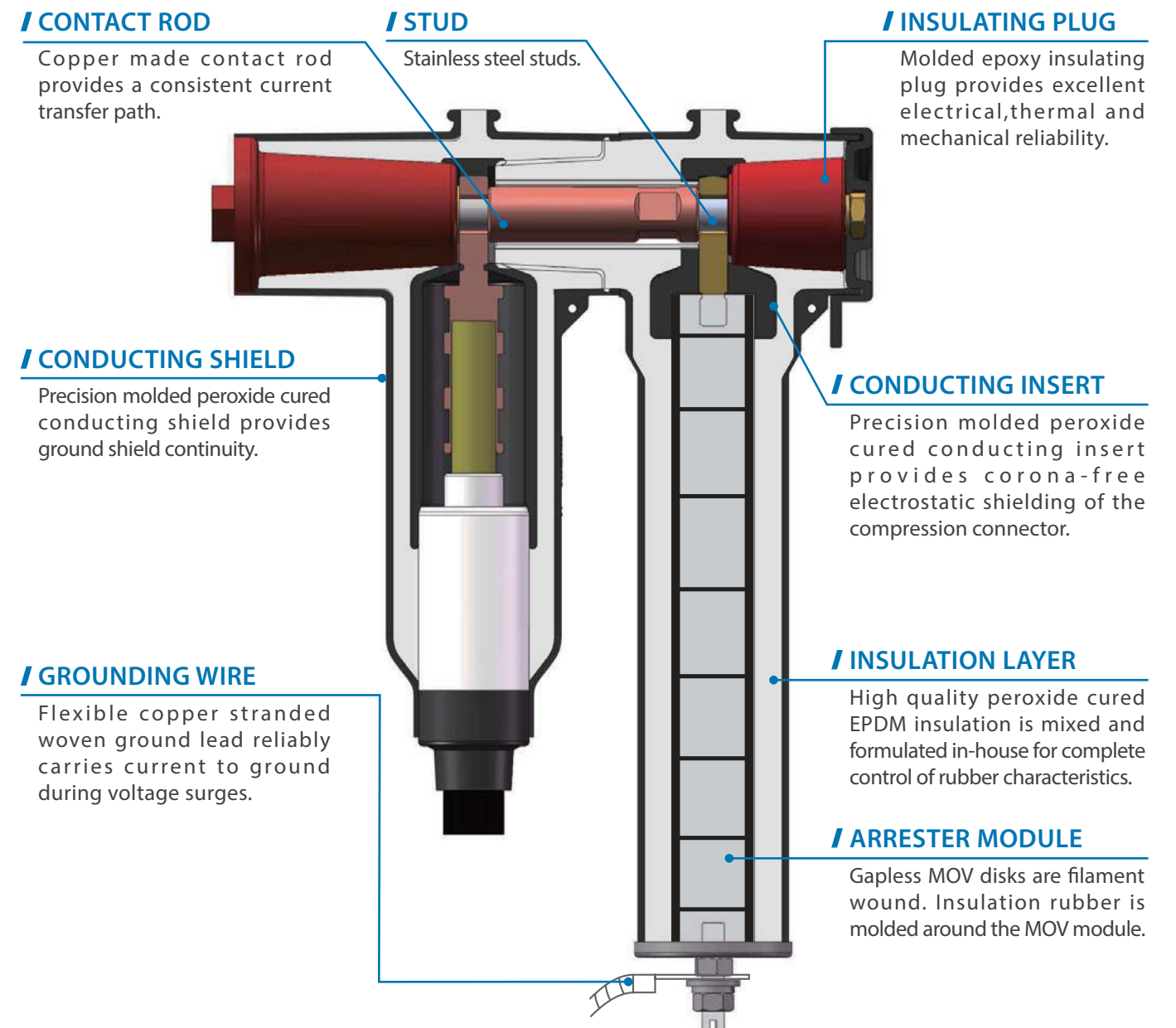
- Minimum Corona Voltage Level – 29kV < 3pc
- Voltage of DC 1mA Current – ≥ 48kV

Tests conducted in accordance with Chardon manufacturing process requirements:

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

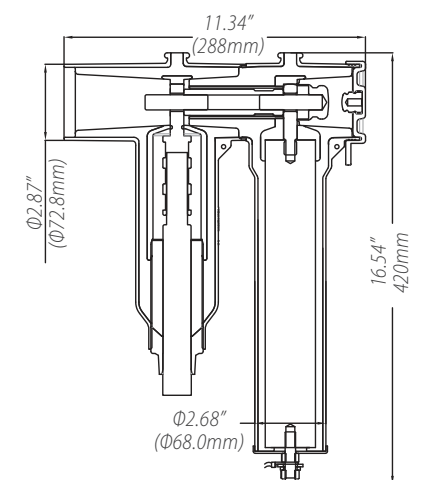
• 34-RDTA85-042020-REV05

## DETAILED COMPOSITION OF THE CHARDON 34 KV/85 KV COUPLING (REAR) T-BODY SURGE ARRESTER



## ORDERING INFORMATION

34kV/85kV 5kA Coupling(Rear) T-body Surge Arrester	34-RDTA85
34kV/95kV 10kA Coupling(Rear) T-body Surge Arrester	34-RDTA95-10





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