



IEC Separable Connectors 34 kV/85 kV ; 34 kV/95 kV Coupling (Rear) T-Body Surge Arrester



APPLICATION

KEY FEATURES

protection.

MOV module.

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

Provides fully shielded deadfront arrester

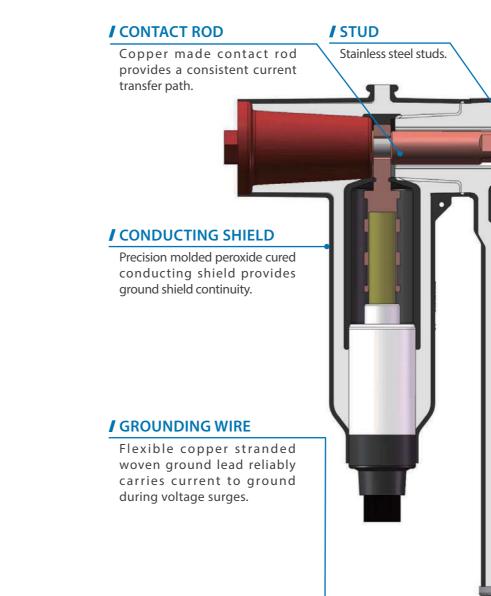
Metal (zinc) Oxide Varistor (MOV) gapless design.

EPDM insulation rubber molded around

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

- Mounting can be vertical, horizontal, or any angle in between.
- **I** No minimum phase clearance requirements.
- 100% electrical tested at factory.

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



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</p>
- ✓ Voltage of DC 1mA Current \ge 48kV

Tests conducted in accordance with Chardon manufacturing process requirements:

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

ORDERING INFORMATION

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

I INSULATING PLUG

Molded epoxy insulating plug provides excellent electrical, thermal and mechanical reliability.

CONDUCTING INSERT

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

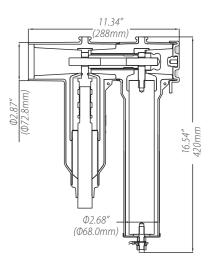
I INSULATION LAYER

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

I ARRESTER MODULE

Gapless MOV disks are filament wound. Insulation rubber is molded around the MOV module.







CHARDON TAIWAN CORPORATION

No.37 Min-Chie Road, Tung Lo Industrial Park, Miao Li, Taiwan 366 Tel : +886-37-984385 Fax : +886-37-984770

www.chardongroup.com • info@chardongroup.com