



# IEC Separable Connectors 26 kV/66 kV ; 26 kV/72 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

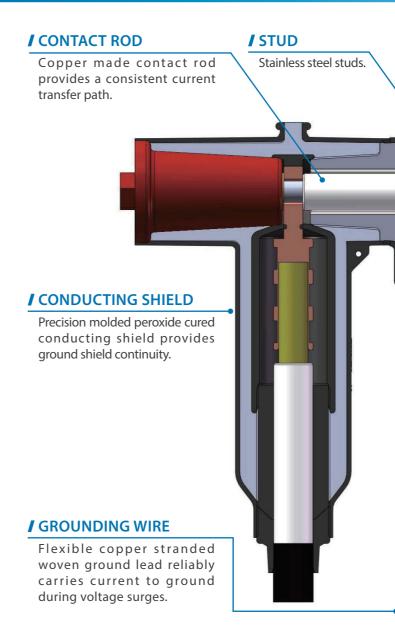
Metal (zinc) Oxide Varistor (MOV) gapless design.

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 26 KV/66 KV COUPLING (REAR) T-BODY SURGE ARRESTER



## **PRODUCT RATINGS**

	26-RDTA66	26-RDTA72-10
Rated Voltage Class (Ur)	26 kV	26 kV
Nominal Discharge Current of Arrester	5 kA	10 kA
Residual Voltage of Nominal Discharge Current	≤ 66 kV	≤ 72kV
Maximum Continuous Operating Voltage	20.8 kV	20.8 kV
Voltage of DC 1mA Current	≥ 37 kV	≥ 37 kV

### **PRODUCTION TESTS**

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

- Minimum Corona Voltage Level 22kV < 3pc</p>
- ✓ Voltage of DC 1mA Current  $\ge$  37kV

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

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

• 26-RDTA66-042020-REV04

# ORDERING INFORMATION

26kV/66kV 5kA Coupling(Rear) T-body Surge Arrester	26-RDTA
26kV/72kV 10kA Coupling(Rear) T-body Surge Arrester	26-RDTA7

#### **I** INSULATING PLUG

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

#### **I** CONDUCTING INSERT

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

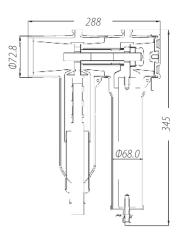
#### **I** INSULATION LAYER

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.

A66 72-10





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