

**IEC Separable Connectors
36/102 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

36-RDTA102-10-42

Rated Voltage Class (Ur)	36 kV
Nominal Discharge Current of Arrester	10 kA
Residual Voltage of Nominal Discharge Current	<102 kV
Maximum Continuous Operating Voltage	28.8 kV
Voltage of DC 1mA Current	~ 51.6 kV

PRODUCTION TESTS

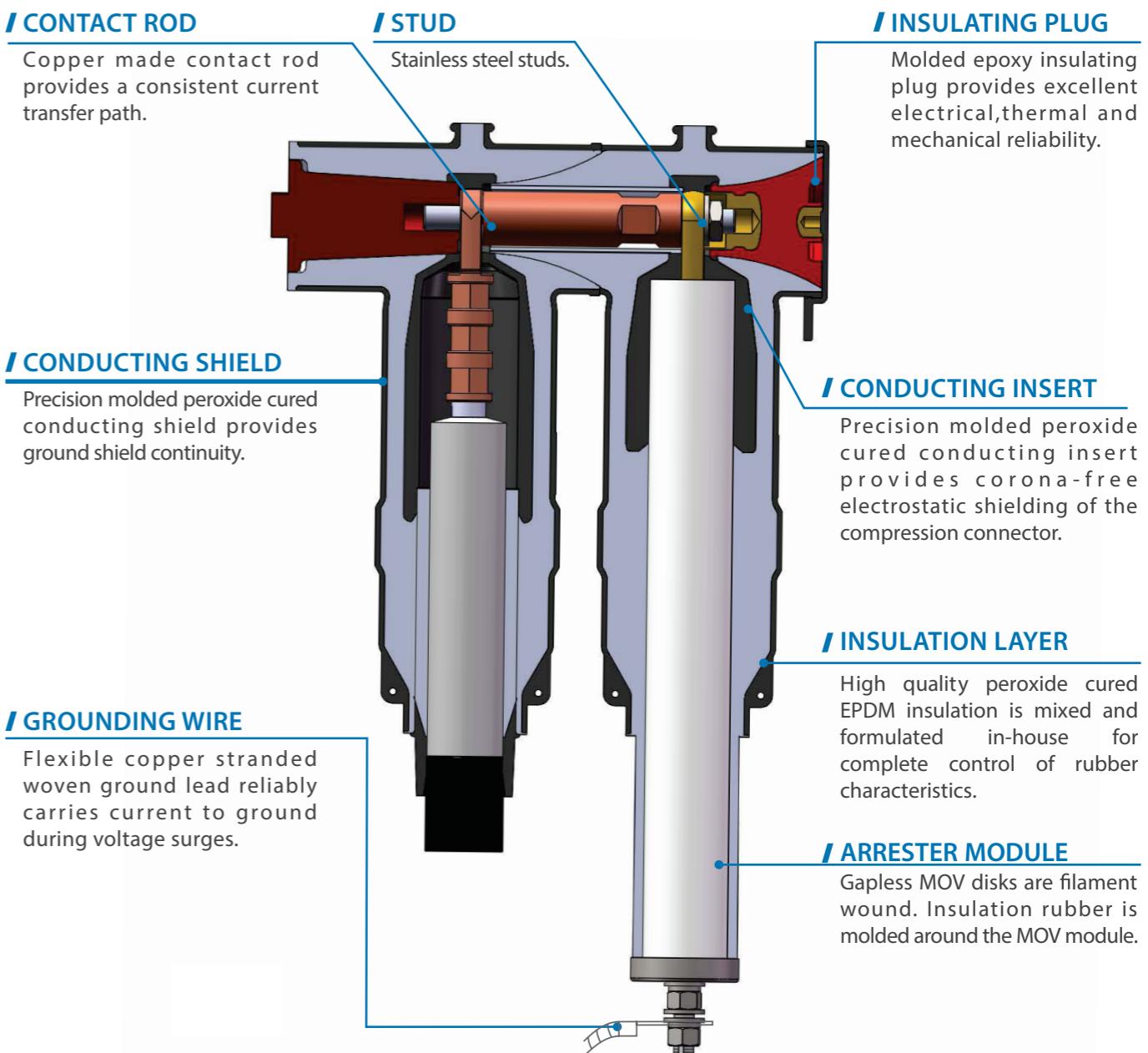
Tests conducted in accordance with IEC 60099-4.

- Partial Discharge – 30.24kV<3pC
- Voltage of DC 1mA Current – ~ 51.6 kV

Tests conducted in accordance with Chardon manufacturing process requirements:

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

DETAILED COMPOSITION OF THE CHARDON 36 KV/102KV COUPLING (REAR) T-BODY SURGE ARRESTER

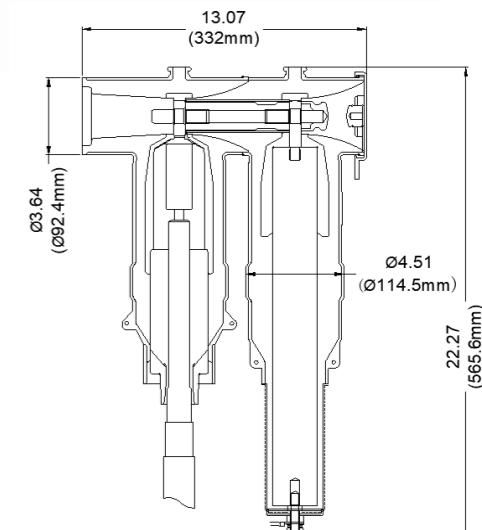


ORDERING INFORMATION

IEC 36/102 kV 10kA Rear T-body Surge Arrester

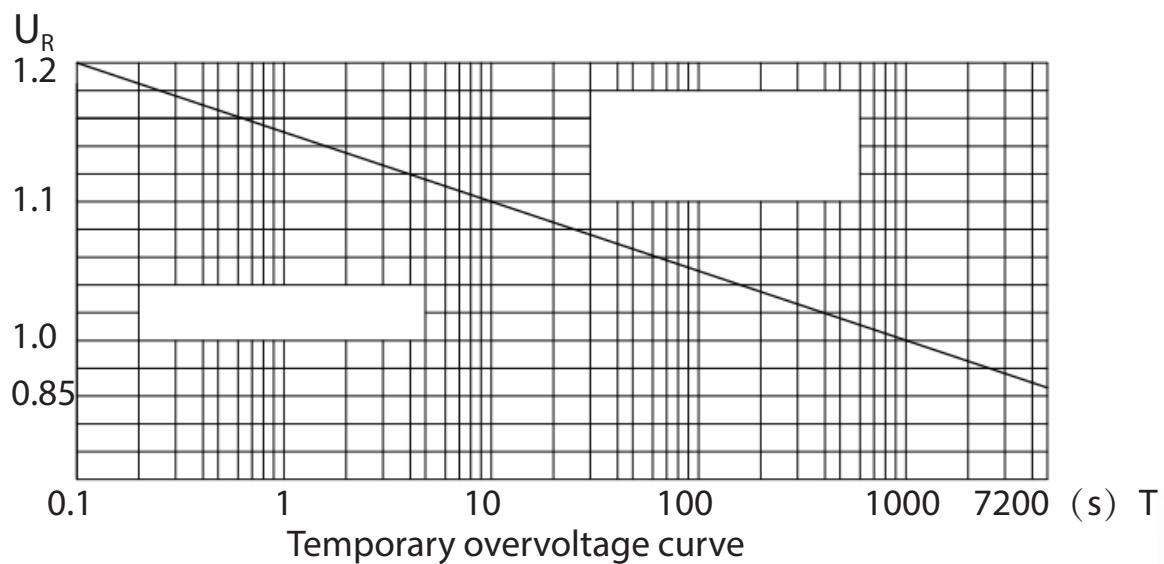
36-RDTA102-10-42

Note:
Coupling T-body: 42-FDT1250, 42-RDT1250



Temporary overvoltage (TOV) capability

The Temporary Overvoltage (TOV) capability of the surge arrester is shown as below



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