

**IEC Separable Connectors
36/102kV-42kV 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-RDTA102-42 | |
|---|----------|
| 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

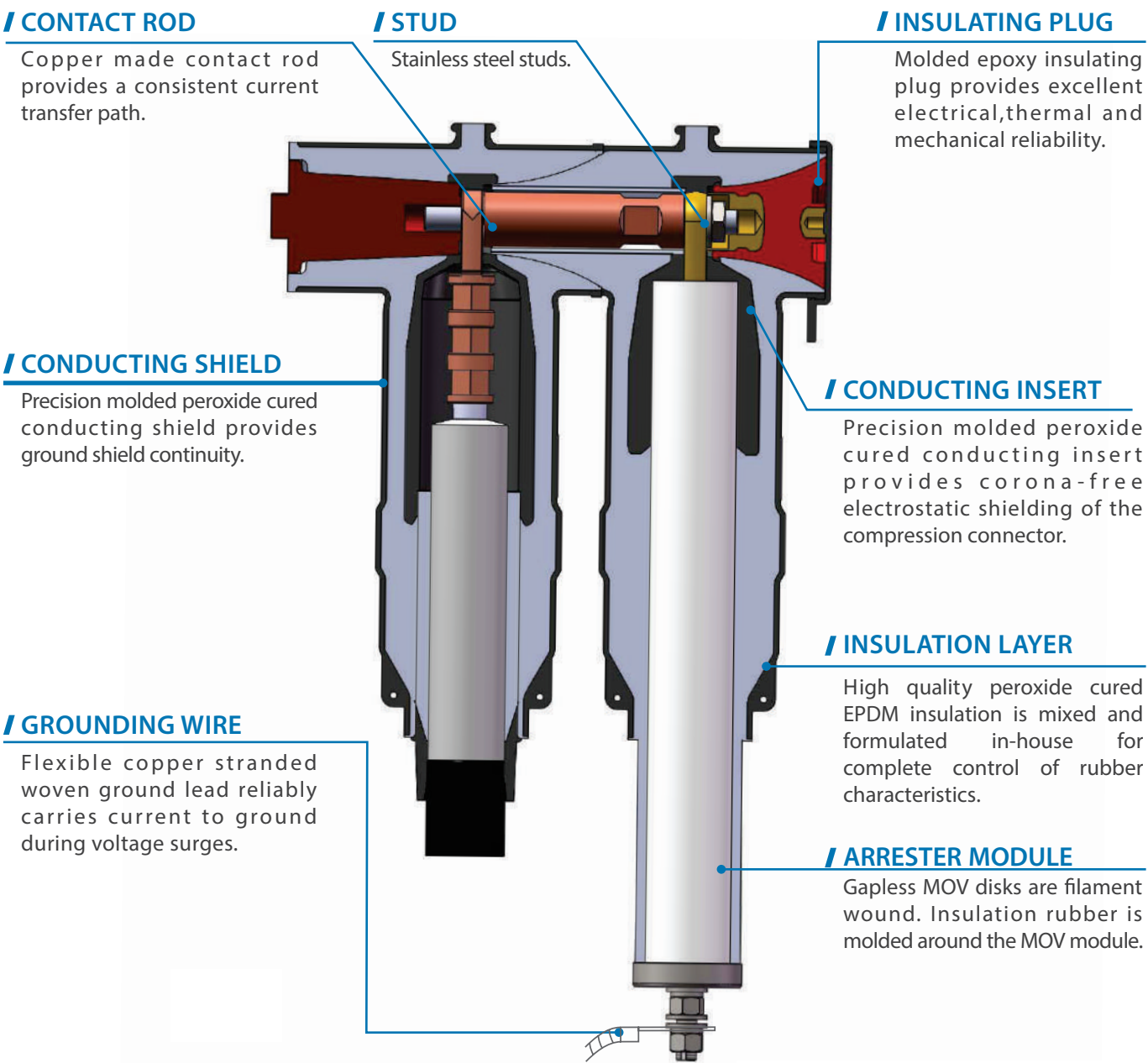
Tests conducted in accordance with IEC 60099-4.

- / 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

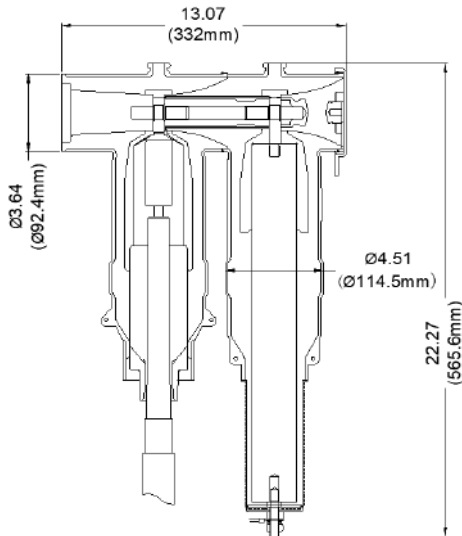
DETAILED COMPOSITION OF THE CHARDON 36 KV/102KV COUPLING (REAR) T-BODY SURGE ARRESTER



ORDERING INFORMATION

| | |
|---|------------------|
| IEC 42/102 kV 10kA Rear T-body Surge Arrester | 36-RDTA102-10-42 |
|---|------------------|

Note:
Coupling T-body: 36-FDT630, 36-RDT630, 36-FDT1250, 36-RDT1250





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