

**IEC Separable Connectors
51 kV/134 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

Maximum Voltage Class (Ur)	51 kV
Nominal Discharge Current of Arrester	5 kA / 10 kA
Residual Voltage of Nominal Discharge Current	≤ 134 kV
Maximum Continuous Operating Voltage	40.8 kV
Voltage of DC 1mA Current	≥ 73 kV

PRODUCTION TESTS

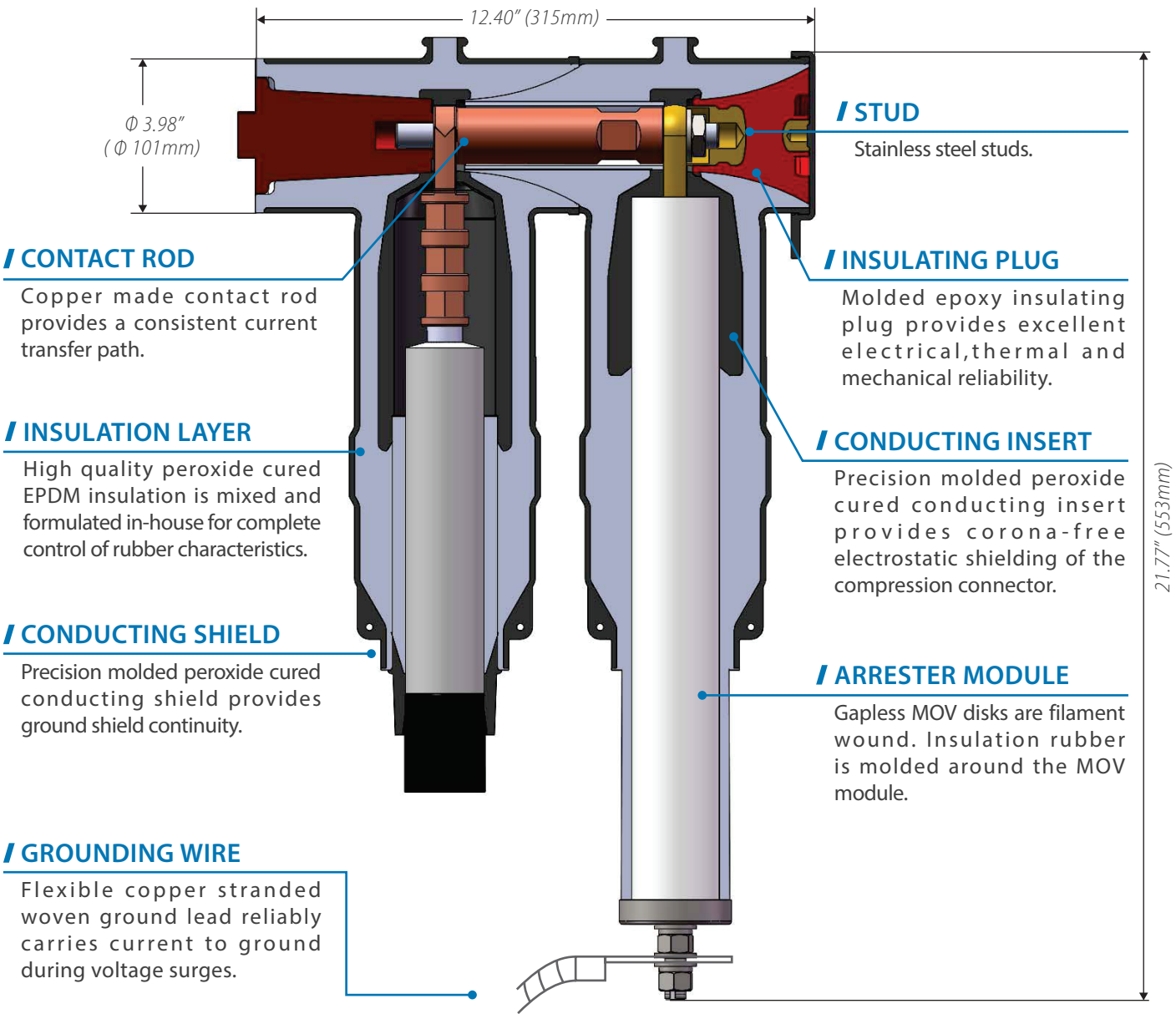
Tests conducted in accordance with IEC 60099-4.

- / Minimum Corona Voltage Level – 43kV < 3pc
- / Voltage of DC 1mA Current – ≥ 73kV

Tests conducted in accordance with Chardon manufacturing process requirements:

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

DETAILED COMPOSITION OF THE CHARDON 54 KV/134 KV FRONT T-BODY SURGE ARRESTER



ORDERING INFORMATION

51kV / 134kV 5kA Coupling (Rear) T-body Surge Arrester	51-RDTA134
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