

**IEC Separable Connectors
36/102kV 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	
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.

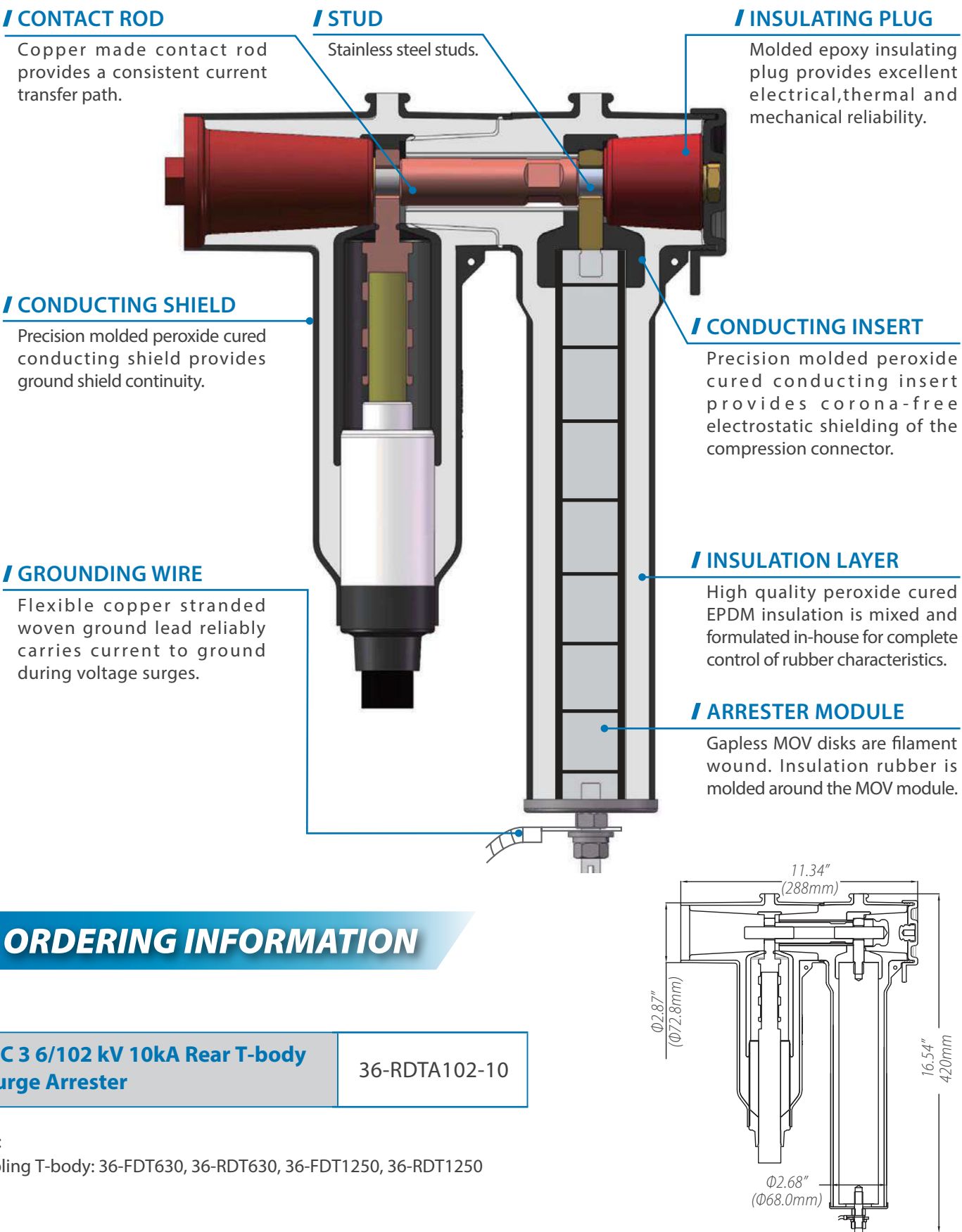
- / Partial Discharge – 30.24kV<3pC
- / Voltage of DC 1mA Current – ~ 51.6 kV

Tests conducted in accordance with Chardon manufacturing process requirements:

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

• 36-RDTA102-12092025-REV01

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



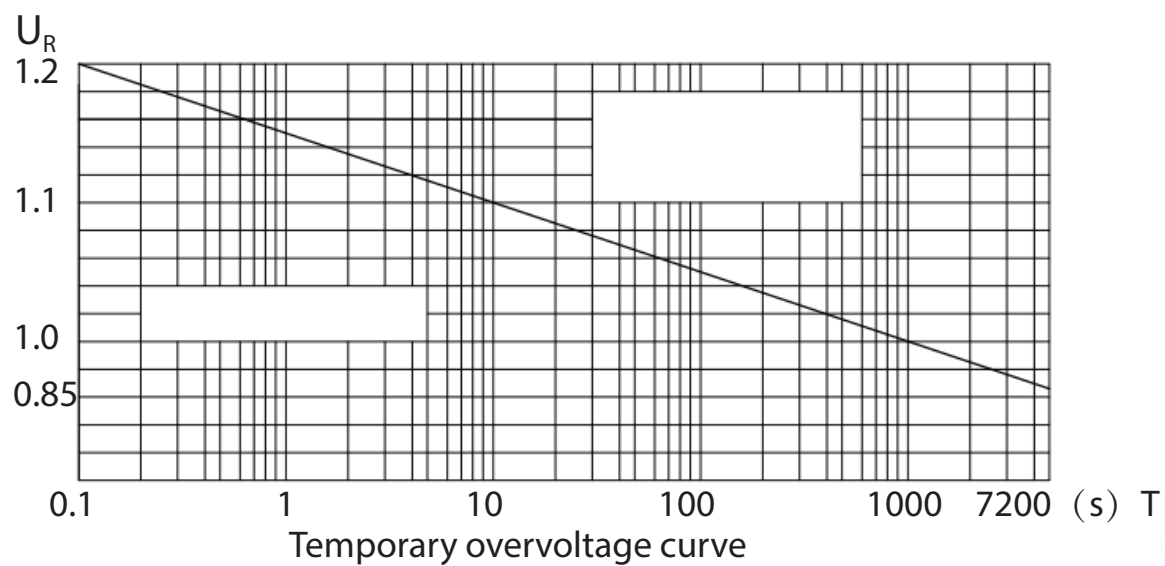
ORDERING INFORMATION

IEC 3 6/102 kV 10kA Rear T-body Surge Arrester	36-RDTA102-10
--	---------------

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

Temporary overvoltage (TOV) capability

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



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