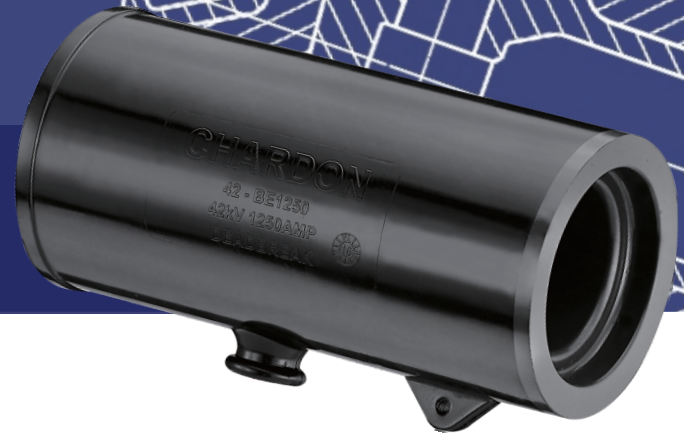


Chardon IEC 42kV 1250A Bushing Extender



Application

The Chardon 42kV 1250A bushing extender can be used for temporary or permanent applications and provides a submersible, fully shielded insulated connection between energized bushings and Chardon 42kV rear Tbody product(42-RDT1250).

When installed between an IEC bushing and Chardon 42kV Front T, it is properly grounded using the attached drain wire, and providing physical seal and electrical insulation at bushing interfaces.

The Chardon bushing extender design incorporates peroxide cured, EPDM insulation rubber, and a semi-conducting insert and outer shield.

Key Features

- Provides a fully shielded and submersible connection
- EN-50181 Type "C" 630A interface and Chardon 42kV Front T mating interface
- No minimum phase clearance requirements
- 100% electrical tested at factory

Production Tests

Tests conducted in accordance with IEC60502-4, HD629.1, GB/T12706.4

- Minimum Corona Voltage Level – 45 kV < 10 pC
- AC 5 Minute Withstand – 117 kV
- Impulse sampling test – 200 kV

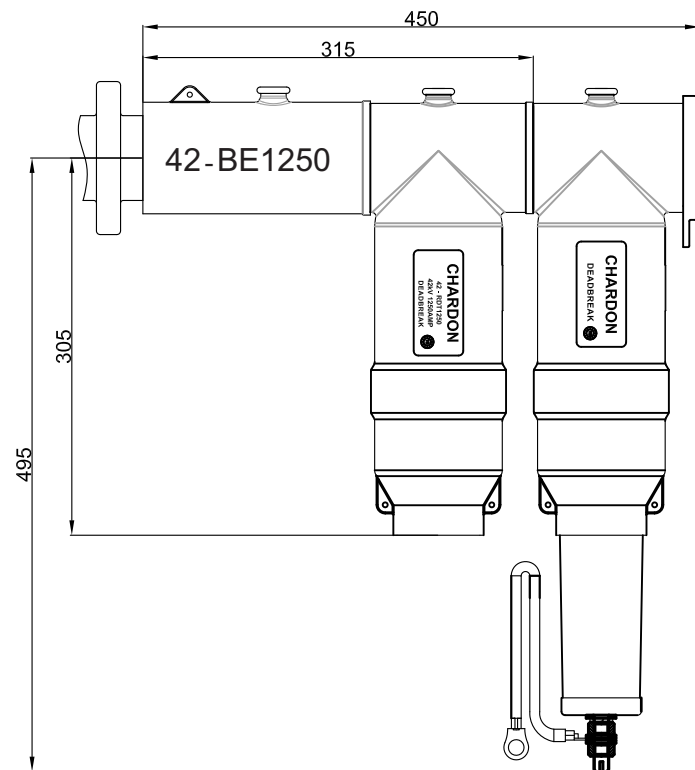
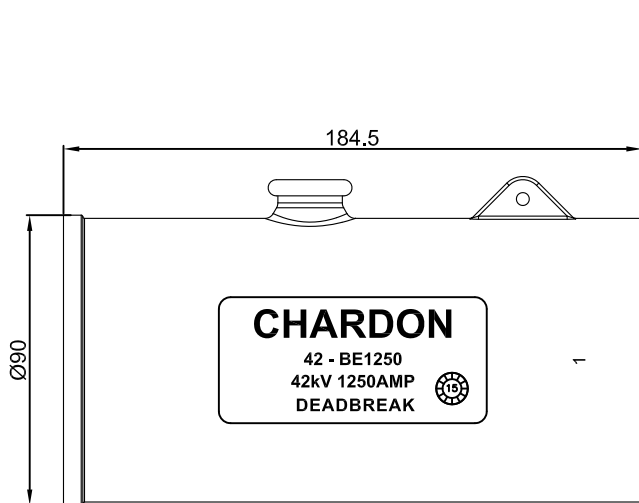
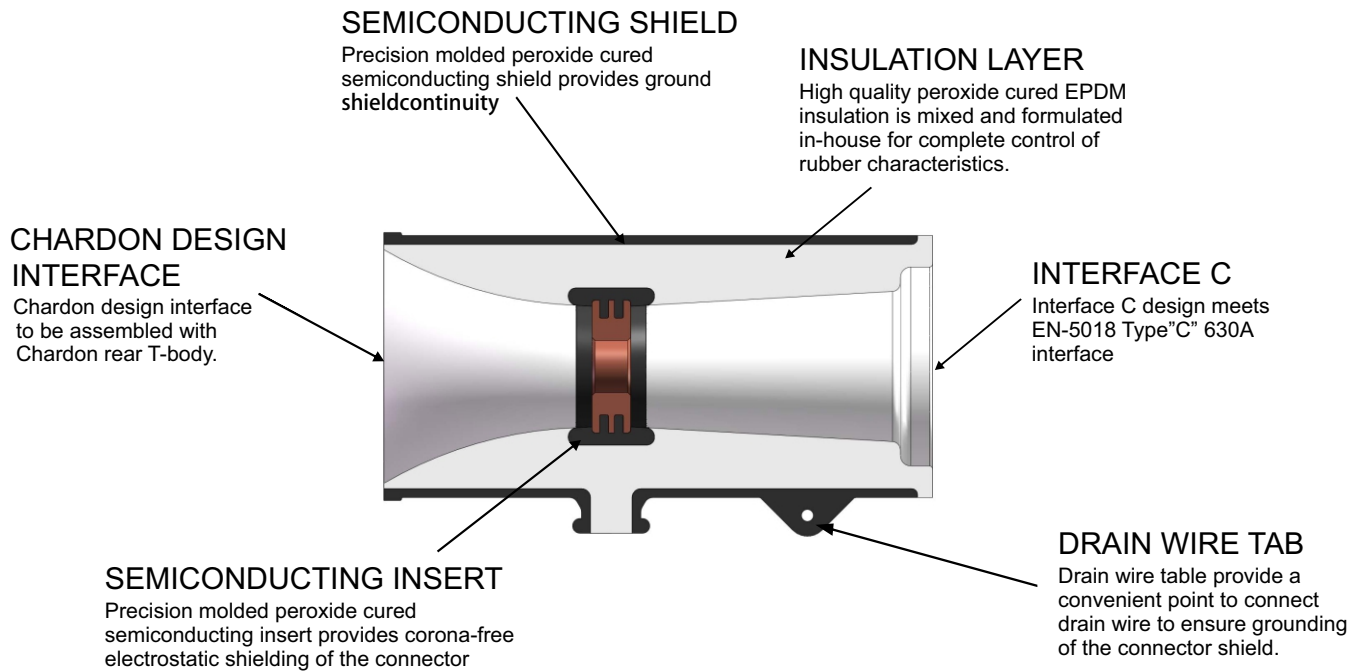
Tests conducted in accordance with Chardon manufacturing process requirements:

- Physical Inspection
- Periodic Dissection
- Periodic X-Ray analysis

Voltage Ratings

Max. Rating Phase to Ground	42 kV
AC 60Hz 5 Minute Withstand	117 kV
Minimum Corona Voltage Level	45 kV < 10 pC
BIL and Full Wave Crest	200 kV

Detailed composition of the Chardon 42kV 1250A Bushing Extender



42kV Bushing Extender Part Number : 42-BE1250



Chardon Taiwan Corporation

No. 37 Min-Chie Road
Tung Lo Industrial Park
Miao Li, Taiwan 366
Phone: 886-3-798-4385
Fax: 886-3-798-4770

www.chardongroup.com • info@chardongroup.com