

INTERFACE F **Connecting Plug**



APPLICATION

The Chardon Connecting Plug is molded from high quality insulating epoxy material. It meets all the requirements of the CENELEC EN50181 and IEC 60137 standard. The interface is type F, per the specification of standard EN50181. The Chardon Connecting Plug is interchangeable with other manufacturer's products that meet the same standard.

The Chardon Connecting Plug can be installed in junction boxes or other equipment, and used in conjunction with T-body connectors and arresters. The product is fully insulated and submersible, designed to be fully functional in underwater applications.

PRODUCTION TESTS

The following tests are conducted in accordance with IEC60137

All production tests are conducted on 100% of products manufactured.

Chardon Catalog Number	Voltage Class	Partial Discharge (10pC)	AC Withstand	Impulse Withstand
72-TCP630	72.5 kV	72.5 kV	155 kV / 1min	325 kV
72-TCP1250	72.5 kV	72.5 kV	155 kV / 1min	325 kV

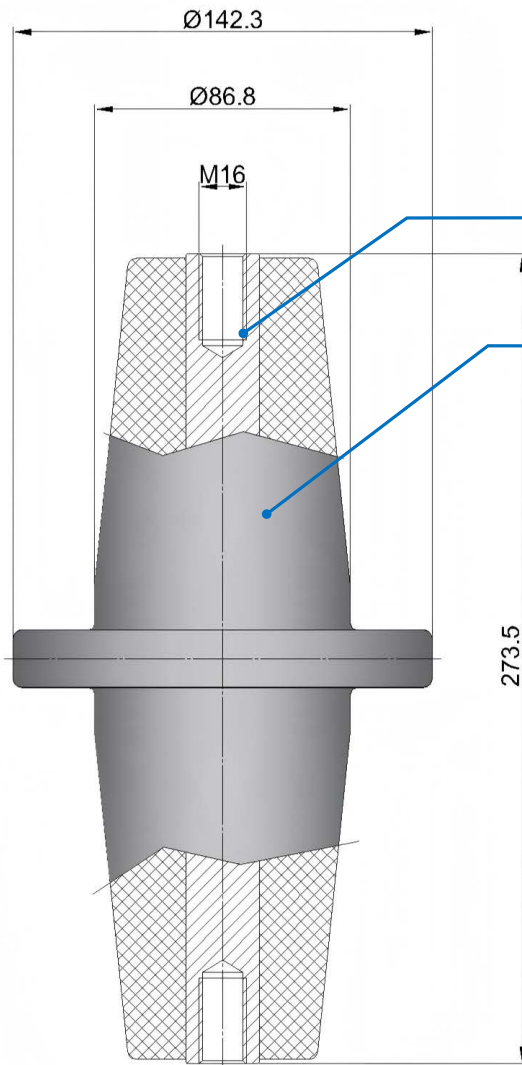
Additional tests conducted in accordance with Chardon manufacturing process requirements:

- / Physical Inspection
- / Periodic Dissection
- / Periodic X-ray Analysis
- / Periodic Impulse Withstand Voltage Test

VOLTAGE RATINGS

Chardon Catalog Number	72-TCP630/1250
Voltage Class (U _m)	72.5 kV
AC Withstand Voltage	155 kV / 1 min
Partial Discharge	72.5 kV ≤ 10 pC
Impulse Withstand Voltage (10 times for each polarity)	325kV
Current Rating	630 /1250A

DETAILED COMPOSITION OF THE CHARDON CONNECTING PLUG



/ M16 THREAD HOLE

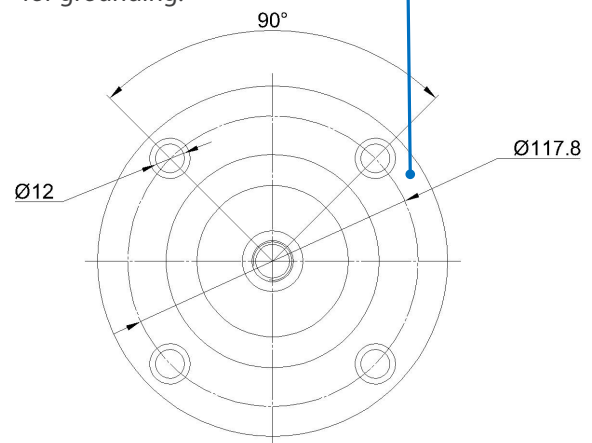
Connected with Stud.

/ INSULATION LAYER

Molded with high quality epoxy resin.

/ DRAIN WIRE TAB

The drain wire tab provides a convenient point to connect wire for grounding.



ORDERING INFORMATION

Interface F Connecting Plug

72.5kV 630A Connecting Plug

72-TCP630

72.5kV 1250A Connecting Plug

72-TCP1250



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