

400A, 36kV Class Interface B2 Equipment Bushing



APPLICATION

The Chardon 36 kV Interface B2 equipment bushing provides a plug-in interface made of quality epoxy, meeting the full requirements of CENELEC EN 50180 and IEC 60137. The part is designed for use in equipment utilizing oil as insulating fluid, commonly used in transformers, switch gears and capacitors.

PRODUCTION TESTS

Tests conducted in accordance with IEC 60137

- / Minimum Corona Voltage Level - 31.2 kV
- / AC 1 Minute Withstand - 77 kV

Tests conducted in accordance with Chardon manufacturing process requirements:

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

VOLTAGE RATINGS

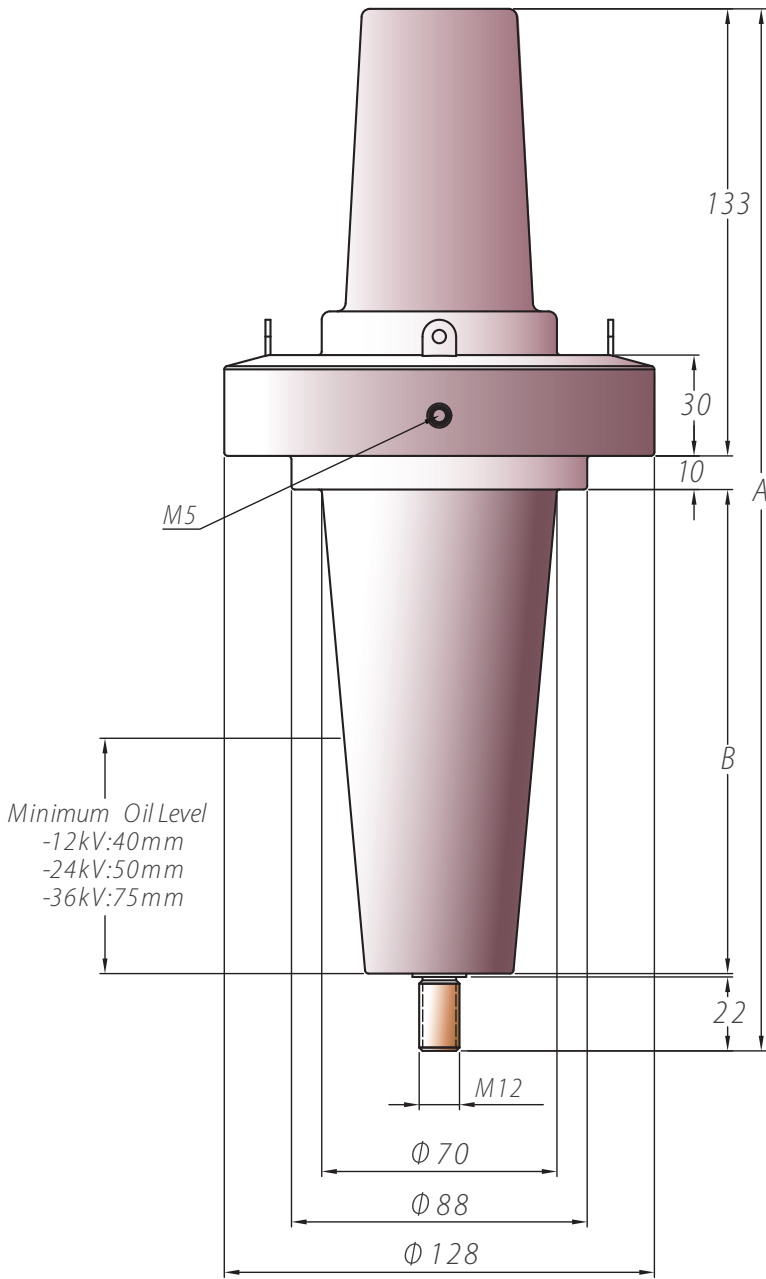
Voltage Class (U _m)	36 kV
AC 1 Minute Withstand	77 kV
BIL and Full Wave Crest	170 kV
Minimum Corona Voltage Level	31.2 kV < 10 pC

CURRENT RATINGS

Continuous Current	400 A
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• Revision Date: 07.10.2024

ORDERING INFORMATION



Chardon Part Number	Dimensions	
	A	B
36-DIB400-1-I	380	213
36-DIB400-3-I	310	144

ORDERING INFORMATION

/ BUSHING INTERFACE

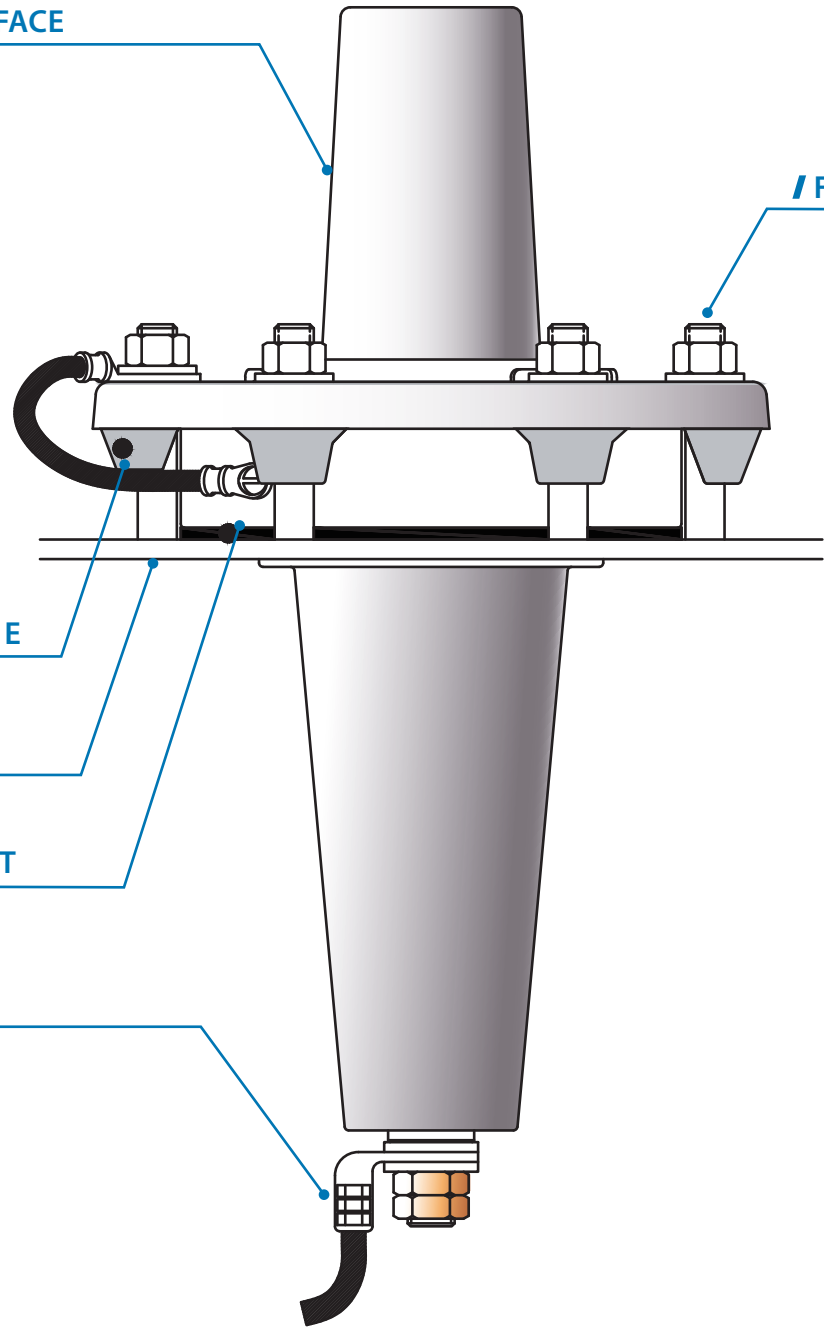
/ FIXING STUDS

/ EN 50180-3
CLAMPING PAW E

/ EQUIPMENT

/ SEALING GASKET

/ EQUIPMENT
CONNECTION



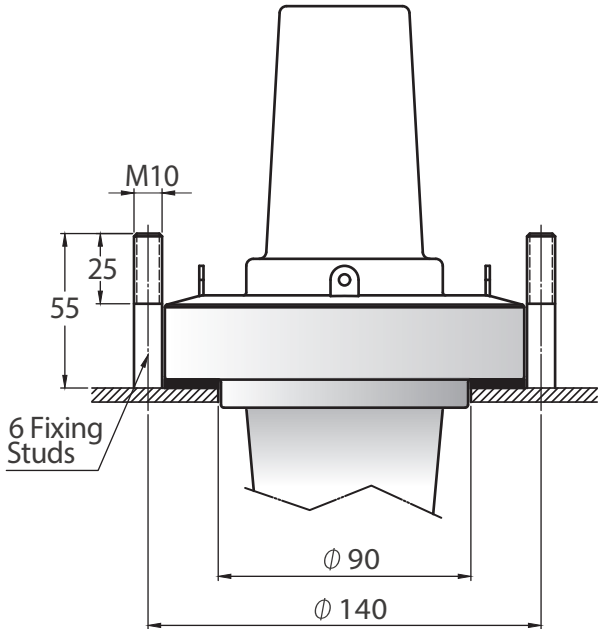
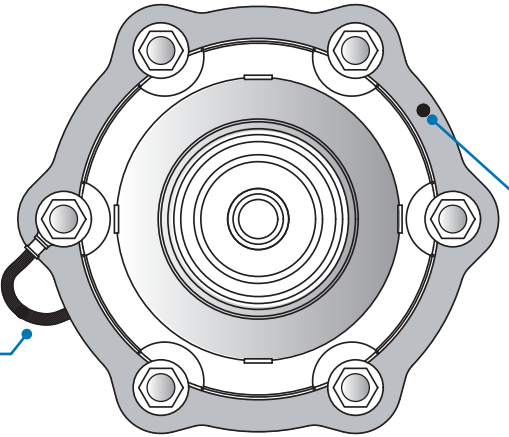
Fixings for Interface B2 Equipment Bushings

EN 50180-3 & DIN 42 538

ORDERING INFORMATION

/ EN 50180-3
FLANGE RING B

/ EARTH JUMPER



Note:

To order components with the bushing, please follow the chart below:

Earth Lead	Chardon Part Number + EL
Earth Plate	Chardon Part Number + EP
Flange Kit (Optional)	Chardon Part Number + EL+FL or EP+FL

Ordering Example:

To order a Chardon Interface B2 Equipment bushing A=380mm with earth plate and the flange, the P/N will be 36-DIB400-1-I-EP-FL
To order a Chardon Interface B2 Equipment bushing A=310mm with earth lead only, the P/N will be 36-DIB400-3-I-EL.



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