

# **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

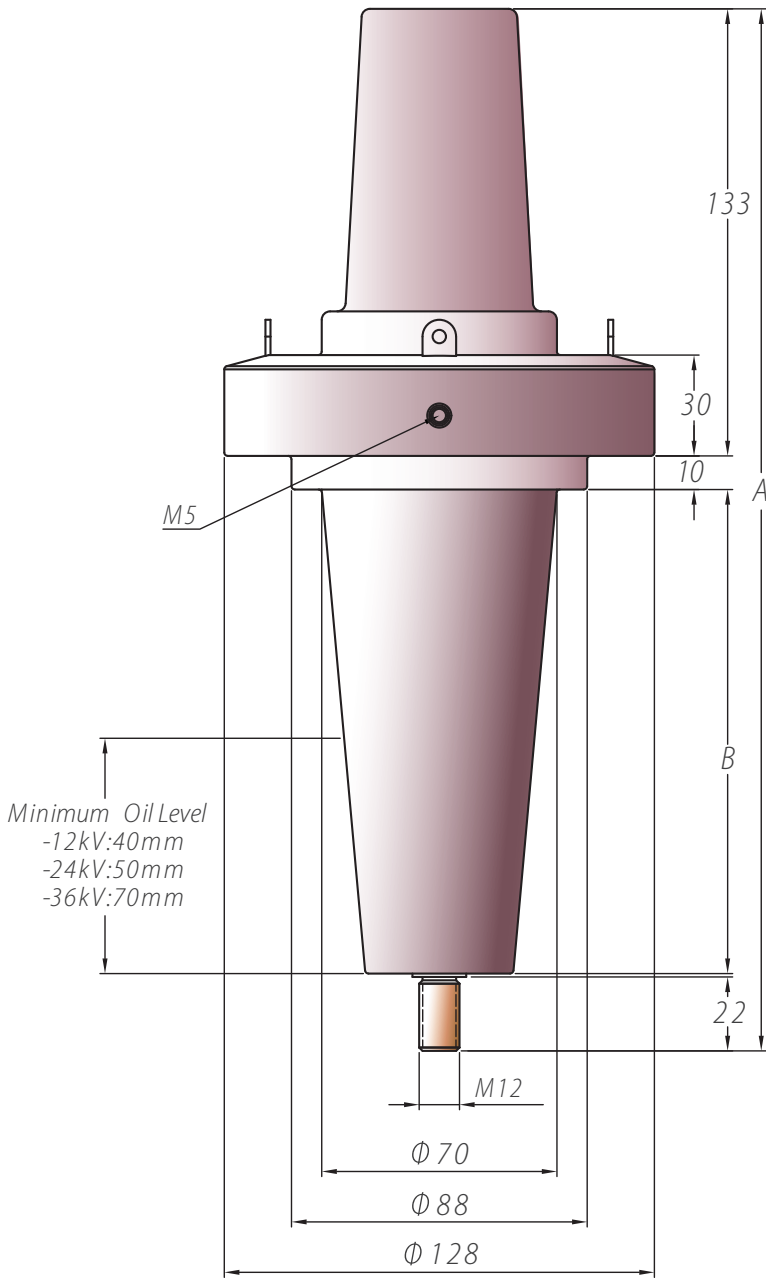
|                                 |                 |
|---------------------------------|-----------------|
| Voltage Class (U <sub>m</sub> ) | 36 kV           |
| AC 1 Minute Withstand           | 77 kV           |
| BIL and Full Wave Crest         | 170 kV          |
| Minimum Corona Voltage Level    | 31.2 kV < 10 pC |

CURRENT RATINGS

|                    |       |
|--------------------|-------|
| Continuous Current | 400 A |
|--------------------|-------|

• 36-DIB400-101122-REV02

ORDERING INFORMATION



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

ORDERING INFORMATION

/ BUSHING INTERFACE

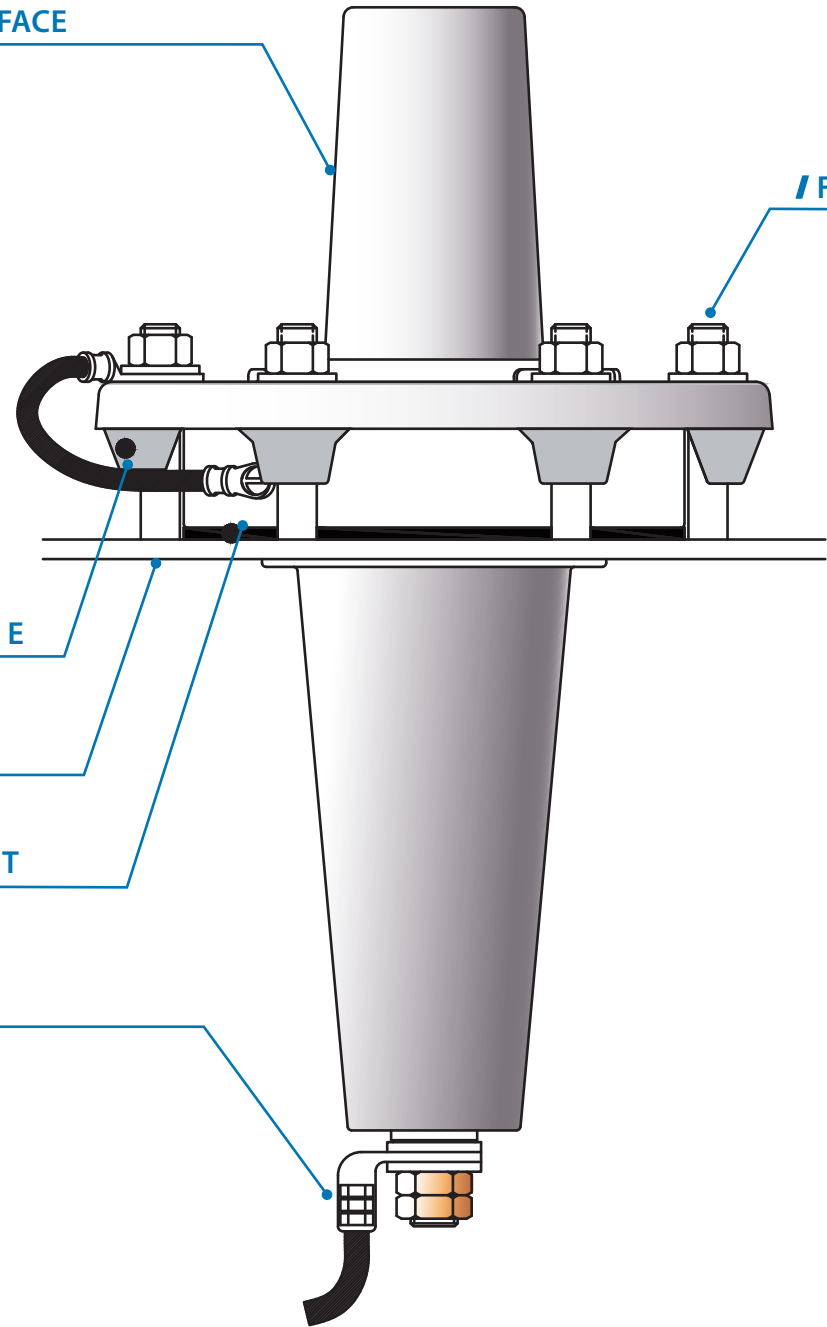
/ FIXING STUDS

/ EN 50180-3  
CLAMPING PAW E

/ EQUIPMENT

/ SEALING GASKET

/ EQUIPMENT  
CONNECTION



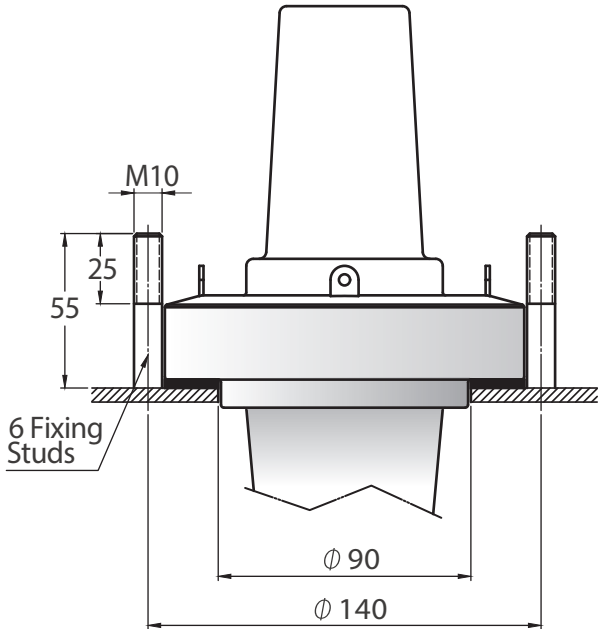
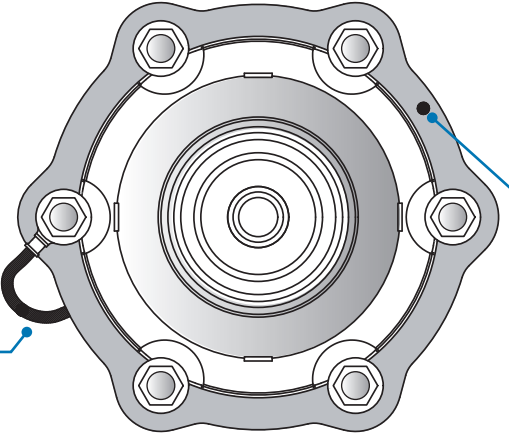
Fixings for Interface B2 Equipment Bushings

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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