

# 630A, 36kV Class Interface C1 Equipment Bushing



## APPLICATION

The Chardon 36 kV Interface C1 equipment bushing meets the full requirements of CENELEC EN 50181 and IEC 60137, provides a bolted interface made of quality epoxy. 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

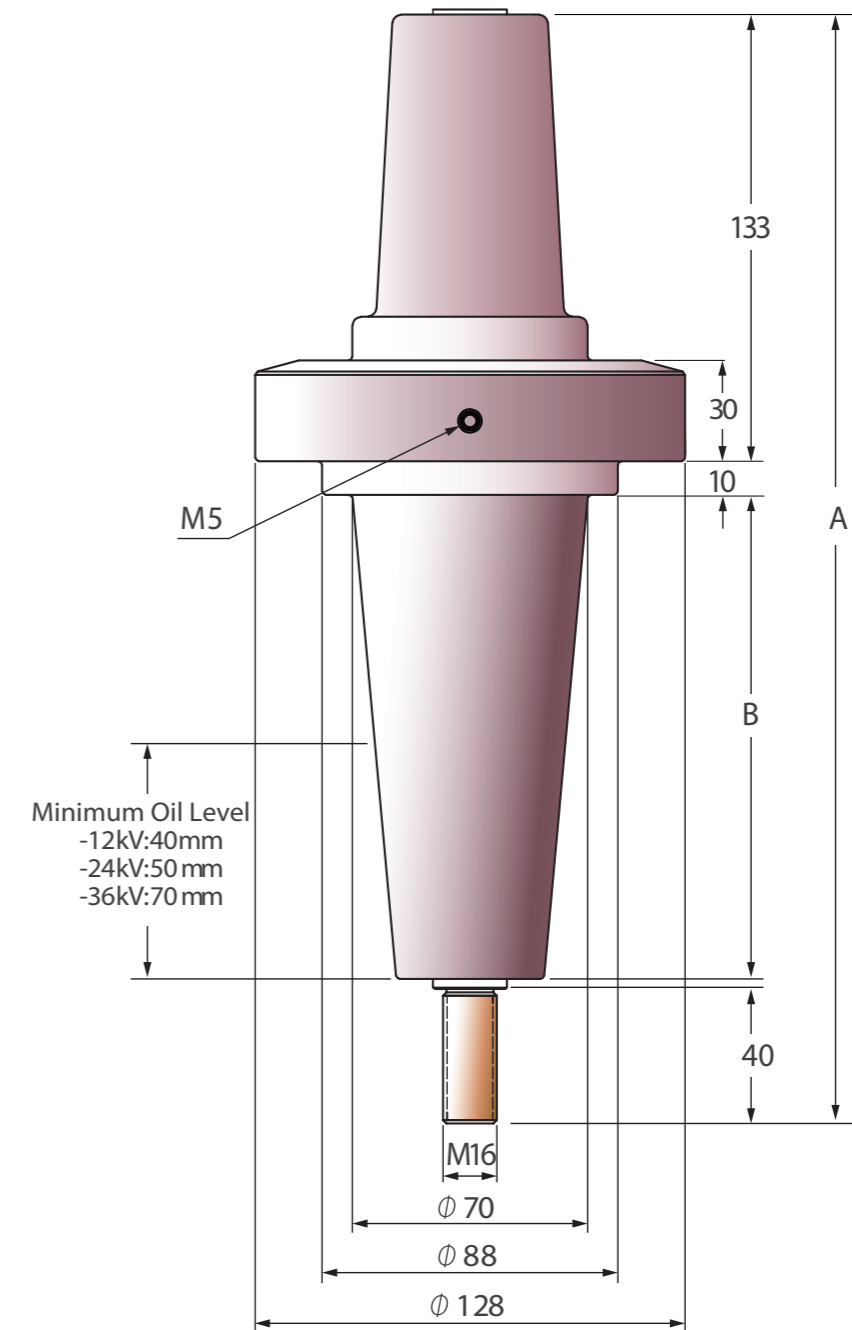
<b>Voltage Class (U<sub>m</sub>)</b>	36 kV
<b>AC 1 Minute Withstand</b>	77 kV
<b>BIL and Full Wave Crest</b>	170 kV
<b>Minimum Corona Voltage Level</b>	31.2 kV < 10 pC

## CURRENT RATINGS

<b>Continuous Current</b>	630 A
---------------------------	-------

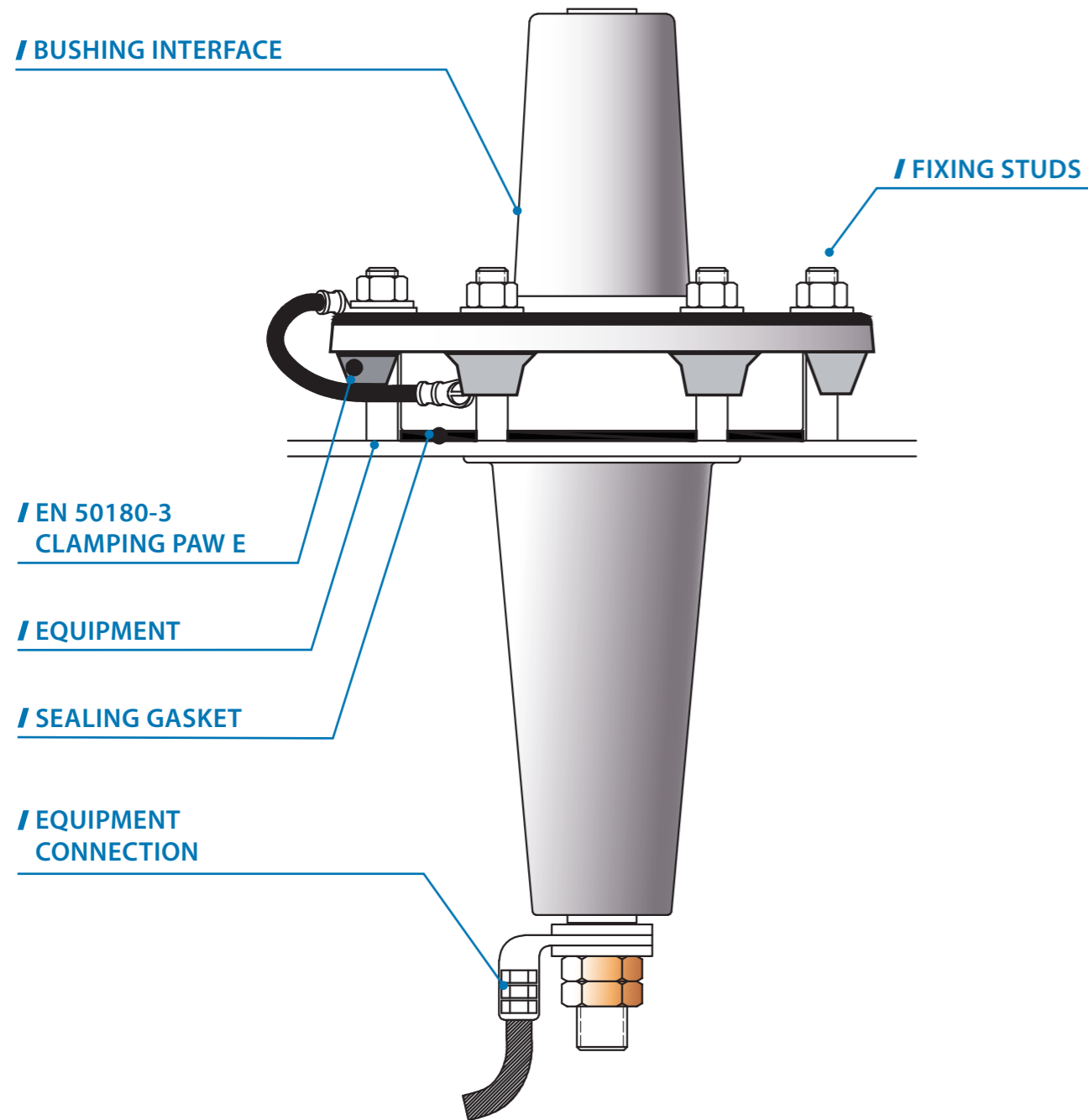
• 36-DIB630-032020-REV01

## ORDERING INFORMATION

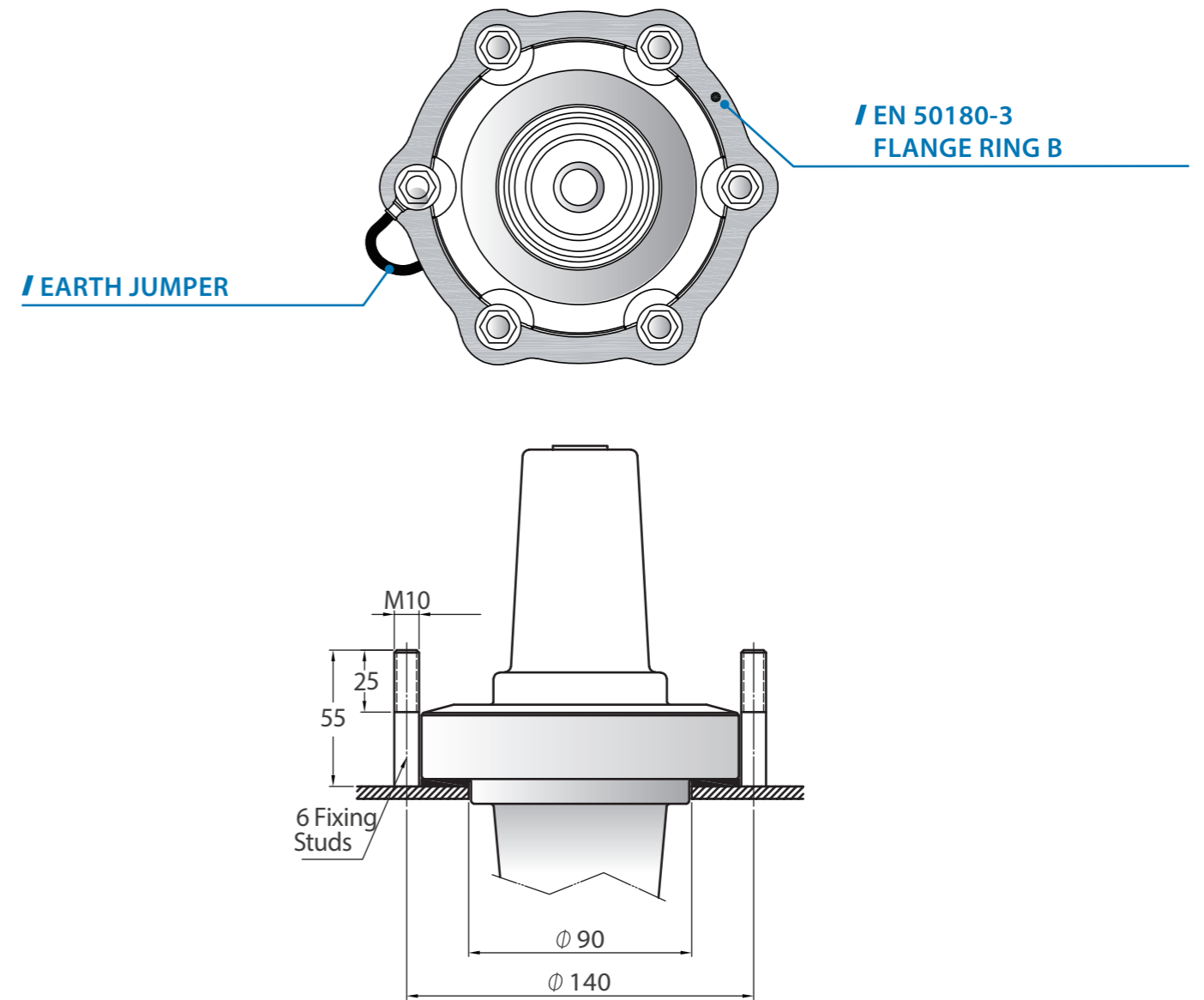


Chardon Part Number	Dimensions	
	A	B
Indoor		
36-DIB630-1-I	398	213
36-DIB630-2-I	330	144

**ORDERING INFORMATION**



**ORDERING INFORMATION**



**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 C1 Equipment bushing A=398mm with earth plate and the flange, order the P/N: 36-DIB630-1-I-EP-FL;  
To order a Chardon Interface C1 Equipment bushing A=330mm with earth lead only, the P/N will be 36-DIB630-2-I-EL.

**Fixings for Interface C1 Equipment Bushings**

**EN 50180-3 & DIN 42 538**



**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](http://www.chardongroup.com) • [info@chardongroup.com](mailto:info@chardongroup.com)