



**630 A**

Sixtyhundredthirtyampere

## INNEX SYSTEM

TECHNICAL DATA SHEET FOR INNEX BUSHING IB 400A

## PRODUCT DESCRIPTION

The inside type epoxy resin bushing **IB 400A** can be used as medium voltage inlet connections for oil or SF6 gas equipment (transformer, switchgears, motor...). The main features are:

- fully compatible with inner cone connector **Size 1** (630 A), according to **DIN EN 50181**;
- indoor installation at max working temperature of 85°C;
- electrical test on factory according to **IEC 137**.

## BASIC COMPONENT

1. M8 insert for mobile connector fastening.
2. M8 insert for bushing fastening.
3. Epoxy resin insulated part.
4. Electrical field deflector.
5. Connection socket with M12 thread.
6. Gasket OR.
7. Coupling plastic protective cover.

## ADDITIONAL OPTIONS

- Earth socket or outlet of the capacitive potential divider.
- Fixing kit (with metallic flange and fixing screws).

## SPECIFICATION AND STANDARD

The INNEX bushing meets the requirements of **IEC 137**. It is approved by Enel specify **DJ 1113**.

## ELETTRICAL DATA

Maximum system voltage: 36 kV	AC Withstand (5 min.): 75 kV
Impulse (BIL): 170 kV	Thermal cycles and AC withstand: 45 kV
Partial discharge test: <10 pC at 36 kV	DC Voltage test (15 min.): 108 kV
Nominal current: 630 A	

## ORDER CODE

IB 400A	X	X	X
	↑ VOLTAGE TAP	↑ FIXING KIT	↑ TYPE OF KIT
<b>W</b> = without voltage tap <b>T</b> = with voltage tap <b>S</b> = without fixing kit <b>C</b> = with fixing kit <b>A</b> = kit for one epoxy resin bushing <b>B</b> = kit for three epoxy resin bushing			

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## GENERAL DIMENSIONS

