

# Outdoor plug-in insulator (Interface A / 250A)

## Deadbreak Operation

Generally meets the requirement of C 33-051 - EN 50 181.

**formfit**<sup>®</sup>



## Medium Voltage (MV)

Up to 24 kV

MV separable connectors rating 250 A (Interface A)

Reference : FMCO-250



**INTERFACE  
A / 250 A**

## Product Application and Design

### Utilisation

- Outdoor type.
- Power supply via busbars (wires, rods) of transformers, equipped with insulating bushings.
- Operated when de-energized.
- Not recommended for factory testing of transformers (for that purpose, please consult us).

### Insulator

- Continuous 250 A rms overload 300 A rms (8 hours per 24-hour period).
- Insulation voltage up to 24 kV.

### Packing

Supplied as a kit of 1 insulator.

Shipping weight and volume (approx) of kit:

2 kg / 0,07 m<sup>3</sup>

### Other products

- Associated products such as bushing FMBOm-250, FMBOh-250, FMBA-250 and FMBOcm-250.

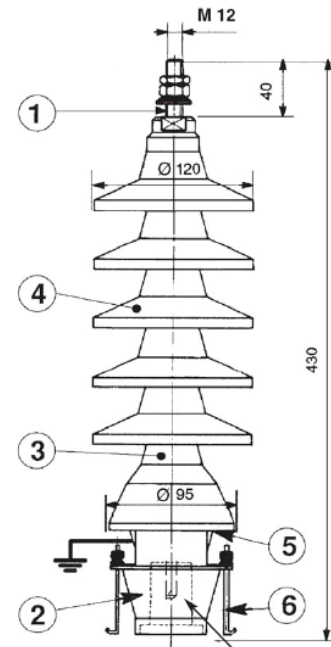
## Installation features

- No need for special tools, no heating, taping or filling.
- Vertical position.
- Energizing may take place immediately after the insulator is plugged on its mating bushing.
- Individual clamping by stainless steel brace.

## Description

- ① **Bushing rod**  
Copper rod with a threaded end for connection to busbars.
- ② **Semi-conducting inner and outer screen**  
Insert of moulded semi-conducting EPDM enclosing the metallic contact.
- ③ **Semi-conducting inner screen**  
Insert of molded semi-conducting EPDM enclosing the conductor lug so that ionization of the air remaining trapped inside is prevented.
- ④ **Semi-conducting outer envelope**  
Moulded from insulating EPDM, maintains a uniform contact pressure on the bushing interface providing an excellent moisture seal.
- ⑤ **Insulator**  
Molded from antitracking EPDM.
- ⑥ **Earthing eye**  
For connection of the semi-conducting screen to earth.
- ⑦ **Locking brace**  
Stainless steel brace fastening the insulator on its mating bushing.

### INTERFACE A / 250 A



## Example of order

Simply specify the reference of plug-in insulator : **FMCO-250**