

**INDOOR PLUG-IN INSULATOR 24 kV - FMCI-250**

Deadbreak operation - Rating 250 A

**formfit**<sup>®</sup>**APPLICATION****Utilisation**

- indoor type.
- power supply via busbars (wires, rods...) of transformers, equipped with insulating bushings.
- continuous 250 A rms  
overload 300 A rms (8 hours per 24-hour period).
- operated when de-energized.
- not recommended for factory testing of transformers.  
(For that purpose, please consult us.)
- insulation voltage up to 24 kV ( $U_m$ )

**STANDARDS**

Generally meets the requirements of C 33-051 - C 33-001 -  
Interfaces : CENELEC EN 50180 - EN 50181.

**QUALITY ASSURANCE**

The Company has been assessed by third party and found in conformity with the requirements of the standard ISO 9001 - EN 29001.

**PACKING**

Supplied as a kit of 1 insulator.

*Shipping weight and volume (approx) of kit :*  
1.2 kg / 0.007 m<sup>3</sup>

**INSTALLATION FEATURES**

- no need for special tools, no heating, taping or filling.
- vertical, or horizontal position.
- energizing may take place immediately after the insulator is plugged into its bushing.
- individual clamping by stainless steel brace.



**INTERFACE**  
**A**

**OTHER PRODUCTS**

- Associated products such as bushing FMB0m-250, FMB0h-250, FMBA-250 and FMB0cm-250.

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### DESCRIPTION

- ① **Bushing rod**  
Copper rod with a threaded end for connection to busbars.
- ② **Semi-conducting inner screen**  
Insert of moulded semi-conducting EPDM enclosing the metallic contact so that ionization of their remaining trapped inside is prevented.
- ③ **Semi-conducting outer screen**  
Jacket in semi-conducting EPDM providing relief of electrical stress.
- ④ **Insulating body**  
Moulded from insulating EPDM, maintains a uniform contact pressure on the bushing interface providing an excellent moisture seal.
- ⑤ **Insulator**  
Moulded in silicone elastomer.
- ⑥ **Earthing eye**  
For connection of the semi-conducting outer screen to earth.
- ⑦ **Locking brace**  
Stainless steel brace fastening the insulator onto its mating bushing.

### EXAMPLE OF ORDER

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

