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

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

Medium Voltage (MV)
Up to 24 kV
MV separable connectors rating 250 A (Interface A)
Reference: FMCO-250

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 m³

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.

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**Example of order**

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