

MCB

252 X

ARKASIL

Type

Maximum system voltage

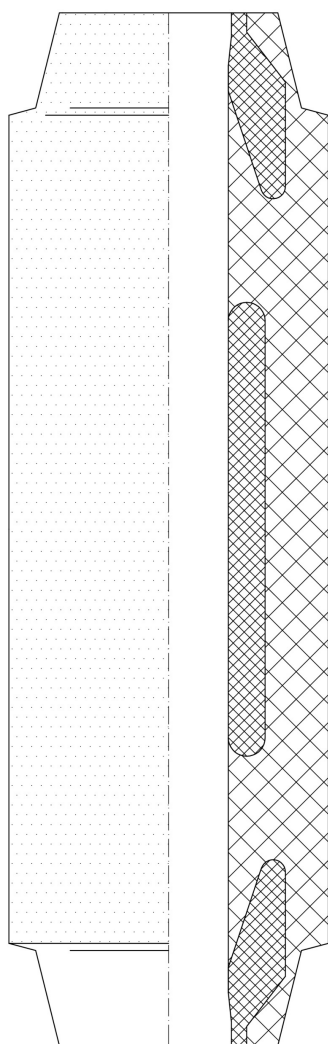
PDD-27-15-008

PRODUCT DESCRIPTION

Pre-moulded outdoor joint MCB 252 X is designed to connect two XLPE 127/220 kV high voltage cables. Joint MCB 252 X has cross-bonding connection of different cable phase wires screen (screen transition).

Joint MCB 252 X contains:

- Silicone pre-molded joint body.
- Special tapes for different purposes
- Protective covering from heat shrinkable tubes and sleeves (optionally it other protective covering)



BASIC COMPONENTS

INSULATOR

- Silicone pre-molded joint body with conductive elements for electrical field control with interruption of conductive layer.

CONNECTOR AND SEALING MATERIALS

- Compression sleeve (copper or aluminum depends on cable conductor).
- Sealing and fixing materials
- Optionally it could be sleeve with screws

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AREA OF APPLICATIONS

Type	MCB 252 X
Maximum system voltage, kV	252
Cable conductor cross section, mm ²	400 ÷ 2500
Maximum outer sheath diameter, mm	126
Maximum cable insulation diameter(prepared), mm	115

TECHNICAL DATA

Type	MCB 252 X
Electrical data:	
AC voltage withstand test	318 kV for 30 min
Impulse withstand voltage (10+/10- impulses)	1050 kV
Partial discharge test	< 5 pC at 190 kV
Climatic data:	
Climatic version	- 45°C/ + 50°C
Nominal operating current	Limited by cable specification
Short circuit current	Limited by cable specification
Sheath withstand voltages:	
DC voltage, kV	25 kV for 1 min
Impulse voltage (10+/10- impulses)	47,5 kV
Sheath interruption withstand voltage	
DC voltage, kV	25 kV
Impulse voltage (10+/10- impulses)	95 kV
Mechanical data:	
Approximate weight, kg	90

ALL TYPE TESTS ACCORDING TO REQUIRMENTS

IEC 62067

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MOUNTING

MCB 252 X must be mounted by trained/certified personnel. Mounting area must be protected from dust and moisture. Temperature of mounting should be from +10 to +40 C.

TYPICAL DRAWING

