

Type

Maximum system voltage

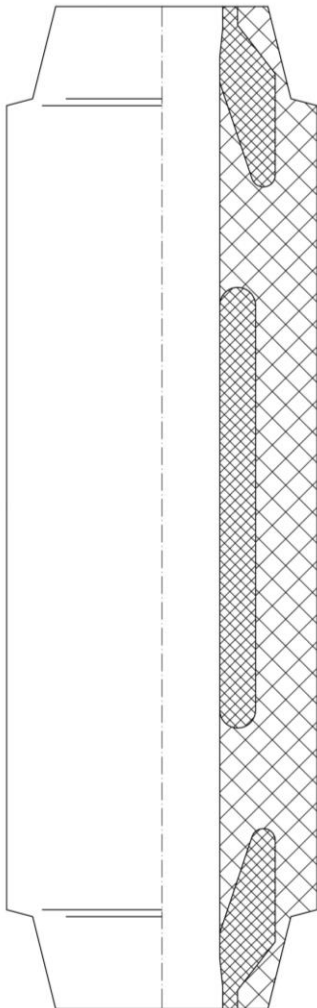
PDD-27-18-007

PRODUCT DESCRIPTION

Pre-moulded outdoor joint MCB 252 is designed to connect two XLPE 127/220 kV high voltage cables. Joint MCB 252 has direct connection of screen.

Joint MCB 252 contains:

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



BASIC COMPONENTS

INSULATOR

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

CONNECTOR AND SEALING MATERIALS

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

MCB 252

ARKASIL

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AREA OF APPLICATIONS

Type	MCB 252
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	110

TECHNICAL DATA

Type	MCB 252
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
Joint body electrical routine test demands:	
AC voltage withstand test	318 kV for 30 min
Partial discharge test	<5 pC at 190 kV

PACKAGE

Package dimensions, mm	Approximate package weight, kg
1530x720x450	100

ALL TYPE TESTS ACCORDING TO REQUIRMENTS

IEC 62067

MCB

252

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MOUNTING

MCB 252 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

