

# MCB

# 252 O

# ARKASIL

**Type**

**Maximum system voltage**

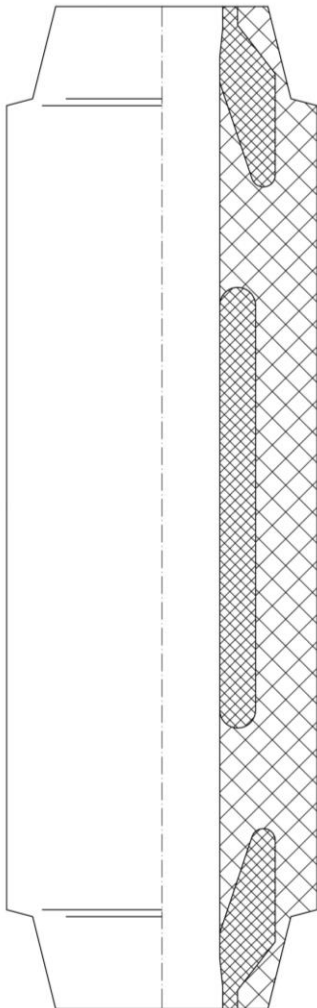
**PDD-27-15-048**

## PRODUCT DESCRIPTION

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

Joint MCB 252 O contains:

- Silicone pre-molded joint body.
- Special tapes for different purposes
- Protective covering from heat shrinkable tubes and sleeves (optionally other protective covering)
- Splice box for protection of optic fibers 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
- Splice box

# MCB 252 O

**ARKASIL****Type**      **Maximum system voltage****PDD-27-15-048****AREA OF APPLICATIONS**

Type	MCB 252 O
Maximum system voltage, kV	252
Cable conductor cross section, mm <sup>2</sup>	400 ÷ 2500
Maximum outer sheath diameter, mm	126
Maximum cable insulation diameter(prepared), mm	110

**TECHNICAL DATA**

Type	MCB 252 O
<b>Electrical data:</b>	
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
<b>Climatic data:</b>	
Climatic version	- 45°C/ + 50°C
Nominal operating current	Limited by cable specification
Short circuit current	Limited by cable specification
<b>Sheath withstand voltages:</b>	
DC voltage, kV	25 kV for 1 min
<b>Joint body electrical routine test demands:</b>	
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

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## MOUNTING

MCB 252 O 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

