

Cable joint



Use

For jointing paper-insulated 3-core cables with Al or Cu conductor 24–52 kV.

Standards

Meets the requirements of:

- SEN 24 14 34
- SEN 24 14 23

Rated pressure

0,3 MPa (overpressure)

Design

The joint tube is a plastic-coated steel tube. The insulation consists of impregnated crepe paper tape and insulating oil. The oil prevents discharges in the paper-insulated cable. The outer conductive layer of the cable is restored by conductive, impregnated crepe paper and copper net.

Spring-loaded gaskets provide a seal between the cable and the joint tube, as well as electrical contact between cable screen and joint tube. Type FPA or FP for belted cables and FPMP for separately lead-sheathed cables.

Note:

- At temperatures exceeding +10°C, insulating bitumen compound and insulating oil do not need to be heated.

Diameter of cable lead sheath		Maximum conductor cross section Al/Cu			Designation	Suitable spring-loaded gasket	Joint tube Ø mm	Weight kg/item
min mm	max	24 kV mm ²	36 kV	52 kV				
For belted cable								
12	63	3x120	3x70	–	SMTA 24362	FPA	100	25
For belted and separate lead-sheathed cable								
20	85	3x300	3x240	3x150	SMTPA 24523	FP/FPMP	150	62

Accessories, to be ordered separately



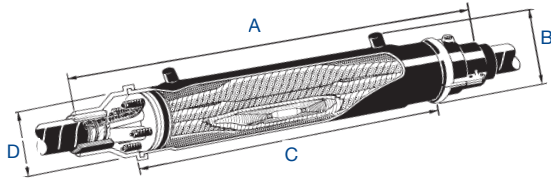
FPA, FP, FPMP



SH-SKRM

Designation	Description	Required Qty.	See page
FPA, FP, FPMP	Spring-loaded gasket	2	2/10
SH-SKRM	Bolt connector	3	2/11

Dimensional drawings



Designation	Dimensions in mm			
	A	B	C	D
For belted cable				
SMTA 24362	1335	175	1100	100
For belted or separate lead-sheathed cable				
SMTPA 24523	1500	228	1200	150