Premolded cable joint with cold shrink outer jacket
SOJ 12–24 kV

Use
Premolded cable joint for XLPE- and EPR-insulated 1- or 3-core cables with Al or Cu conductor, 12–24 kV.


SOJ CSS

Standards
- CENELEC, HD 629.1 S1
- SS 424 14 45 Edition 1
- VDE 0278
- KEMA S8
- IEEE 404 1993

Design
The joint body is made of rubber in three layers: a conductive outer layer, an insulating layer and a conductive inner layer. The kit contains all mounting material.

The joint body is pre-expanded on plastic inserts before installation. When the cables have been connected and the joint is centred, the inserts are pulled out. This way the joint body will provide an active pressure on the cable insulation and will follow variations in the cable during load.

The kits are selected as follows:
SOJ CSS
Contains cold-shrink outer jacket and connectors with shear-off bolts for conductor and screen.

SOJ CS
Contains cold-shrink outer jacket. Connectors are not included.

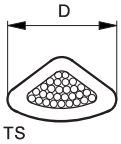
Note:
- For 16–35 mm² cables ADAPTER must be ordered separately, see following pages.
- WIM 3 to be used as complement when jointing 3-core watertightened cable, see following pages.

Always select products by Insulation diameter.

Insulation diameter	Cable cross section		Designation	CSS	CS	Designation	CSS	CS
	12 kV	24 kV	1-core	Weight	Weight	3-core	Weight	Weight
mm	mm²			kg/kit	kg/kit		kg/kit	kg/kit
15–19.5	50–70	–	SOJ 121-1	2.5	2.4	SOJ 121-3	5.0	4.7
18.5–24	95–150	–	SOJ 122-1	2.6	2.5	SOJ 122-3	5.5	5.2
23–28	185–240	–	SOJ 123-1	3.4	3.2	SOJ 123-3	7.0	6.2
27–34	300–400	–	SOJ 124-1	4.7	4.2	SOJ 124-3	–	7.3
33.5-46	500–630	–	SOJ 125-1	5.5	4.8	–	–	–
19–23.5	–	50–70	SOJ 241-1	3.3	3.2	SOJ 241–3	5.8	5.5
22.5–28	–	95–150	SOJ 242-1	3.6	3.5	SOJ 242-3	6.9	6.5
27–35	–	185–240	SOJ 243-1	4.3	4.0	SOJ 243-3	8.8	8.0
27–35	–	300		4.5	4.0	–	–	–
33.5-46	–	400	SOJ 244-1	5.3	4.8	–	–	–
33.5-46	–	500–630		5.5	4.8	–	–	–

Accessories, to be ordered separately


ADAPTER



TS


WIM


SH-SKRM

Accessories	Use	SOJ CSS	SOJ CS	See page
ADAPTER	Cables with different dimensions	X	X	3/36
TS	Additional kit for sector shaped 3-core cables	X	X	3/36
WIM 3	Diffusion seal	X	X	3/37
SH-SKRM	Bolt connector	–	X	3/51
JSA 10–13	Cables with Cu-tape screen	X	X	3/48
JSA 14–16	Cables with Al-foil screen	X	X	3/48