

Premolded cable joint with heat-shrink outer jacket

SOJ HSTS 12–24 kV

Use

Premolded cable joint with heat-shrink outer jacket and bolt connector. For jointing 12–24 kV XLPE- and EPR-insulated 1- or 3-core cables with Al- or Cu-conductors.



SOJ HSTS 3-core kit

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Standard

Meets the requirements of:

- SS 424 14 45 edition 1
- VDE 0278
- CENELEC, HD 629.1 S1
- 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 joint kit is complete and restores all the parts of the cable.

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 include:

- Heat-shrink outer jacket, vulcanizing tape and connectors with shear-off bolts for conductor and screen.

Note:

- For 16–35 mm² cables ADAPTER must be ordered separately, see the table below.
- WIM 3 / WIM 4 – used as complement when jointing 3-core watertightened cable, see the table below.

Always select products by Insulation diameter.

Voltage	Insulation diameter	Conductor cross section	Designation	Weight
kV	mm	mm ²		kg/kit
Cable joint for 1-core				
12	15–19.5	50–70	SOJ 121-1 70 HSTS	2.5
12	18.5–24	95–150	SOJ 122-1 150 HSTS	2.6
12	23–28	185–240	SOJ 123-1 240 HSTS	3.4
12	27–34	300–400	SOJ 124-1 400 HSTS	4.7
12	33.5–46	500–630	SOJ 125-1 630 HSTS	5.5
Cable joint for 3-core				
12	15–19.5	50–70	SOJ 121-3 70 HSTS	5.0
12	18.5–24	95–150	SOJ 122-3 150 HSTS	5.5
12	23–28	185–240	SOJ 123-3 240 HSTS	7.0
12	27–34	300–400	SOJ 124-3 400 HSTS	9.1
Cable joint for 1-core				
24	19–23.5	50–70	SOJ 241-1 70 HSTS	3.3
24	22.5–28	95–150	SOJ 242-1 150 HSTS	3.6
24	27–35	185–240	SOJ 243-1 240 HSTS	4.3
24	27–35	300	SOJ 243-1 300 HSTS	4.5
24	33.5–46	400	SOJ 244-1 400 HSTS	5.3
24	33.5–46	500–630	SOJ 245-1 630 HSTS	5.5
Cable joint for 3-core				
24	19–23.5	50–70	SOJ 241-3 70 HSTS	5.8
24	22.5–28	95–150	SOJ 242-3 150 HSTS	6.9
24	27–35	185–240	SOJ 243-3 240 HSTS	8.8

Accessories, to be ordered separately



ADAPTER



WIM

Accessories	Use	See page
Adapter	Cables with different dimensions	3/36
WIM	Diffusion seal	3/37
JSA 10–13	Cables with copper tape screen	3/48
JSA 14–16	Cables with Al-foil screen	3/48