

Premolded cable joint with cold shrink outer jacket



SOJ CSS

Use

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

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.

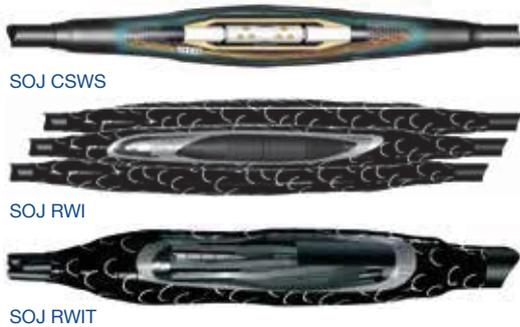
Insulation diameter mm	Cable cross section		Designation 1-core	CSS Weight kg/kit	CS Weight kg/kit	Designation 3-core	CSS Weight kg/kit	CS Weight kg/kit
	12 kV mm ²	24 kV						
15–19.5	50–70	–	SOJ 121-1	2.5	2.4	SOJ 121-3	5.0	4.7
18.5–24	95–150	–	SOJ 122-1	2.6	2.5	SOJ 122-3	5.5	5.2
23–28	185–240	–	SOJ 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

Accessories	Use	SOJ CSS	SOJ CS	See page
ADAPTER	Cables with different dimensions	X	X	17
TS	Additional kit for sector shaped 3-core cables	X	X	17
WIM 3	Diffusion seal	X	X	18
SH-SKRM	Bolt connector	–	X	60
JSA 10–13	Cables with Cu-tape screen	X	X	57
JSA 14–16	Cables with Al-foil screen	X	X	57



Premolded cable joint for radially watertightened 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 are selected as follows:

SOJ CSWS

Used for jointing watertightened 1-core cables with Cu-wire screen. Contains cold-shrink outer jacket, Al-foil tube and connectors for conductor and screen.

SOJ RWI

Used for jointing three 1-core cables, Prysmian type WISKI™ or similar. Contains copper braids to connect screens, Al foil tubes for radially watertightness and also outer jacket RULLE. Connectors and items for jointing of separate earth wire are not included.

SOJ RWIT

Used for jointing three 1-core cables Prysmian type WISKI™ or similar, to a standard 3-core cable. Contains copper braids to connect screens, STOP longitudinal watertightness and outer jacket RULLE. Connectors and articles for jointing a separate earth wire are not included.

Use

Premolded cable joint for XLPE- and EPR-insulated 1- or 3-core cables with Al- or Cu-conductor and radially watertightened aluminium foil for 12 – 24 kV.

Standards

Meets the requirements of:

- 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.

Note:

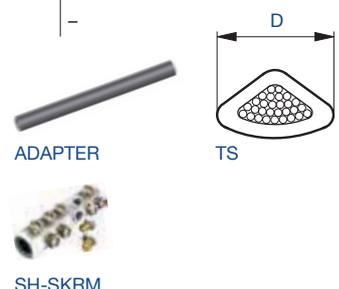
- For 16 – 35 mm² cables, ADAPTER must be ordered separately, see the table below.

Always select products by Insulation diameter.

Insulation diameter mm	Cable cross section		Designation 1-core	CSWS Weight kg/kit	Designation 3 x 1-core	RWI Weight kg/kit	RWIT Weight kg/kit
	12 kV mm ²	24 kV					
15–19.5	50–70	–	SOJ 121-1 50	3.0	SOJ 121-31	7.3	5.0
18.5–24	95–150	–	SOJ 122-1 95 150	3.2	SOJ 122-31	7.9	5.5
23–28	185–240	–	SOJ 123-1 240	4.0	SOJ 123-31	10.3	7.0
27–34	300–400	–	SOJ 124-1 400	5.3	–	–	–
33.5–46	500–630	–	SOJ 125-1 630	6.1	–	–	–
19–23.5	–	50–70	SOJ 241-1 50	3.9	SOJ 241-31	10.0	5.5
22.5–28	–	95–150	SOJ 242-1 95 150	4.2	SOJ 242-31	10.9	6.5
27–35	–	185–240	SOJ 243-1 240	4.9	SOJ 243-31	13.0	8.0
33.5–46	–	300–400	SOJ 244-1 400	5.9	–	–	–
33.5–46	–	500–630	SOJ 244-1 630	6.1	–	–	–

Accessories, to be ordered separately

Accessories	Use	SOJ CSWS	SOJ RWI	SOJ RWIT	See page
ADAPTER	Adapter kit for cables with different dimensions	X	X	X	17
TS	Additional kit for sector shaped cables	–	X	X	17
SH-SKRM	Bolt connector	–	X	X	60



Premolded cable joint with or without outer jacket, RULLE



SOJ R

Use

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

Standards

Meets the requirements of:

- CENELEC, HD 629.1 S1
- SS 424 14 45 edition1
- 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 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 R

- Contains outer jacket RULLE; a two-layer tape of EPDM-rubber and mastic, which is wrapped around the joint.
- Connectors are not included.

SOJ SL

- Supplied without outer jacket. An outer jacket approved by NKT must be added, for example type ARM.
- Connectors are not included.

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.

Insulation diameter mm	Cable cross section		Designation 1-core	R Weight kg/kit	Designation 1-core	SL Weight kg/kit	Designation 3-core	R Weight kg/kit	Designation 3-core	SL Weight kg/kit
	12 kV mm ²	24 kV								
15–19.5	50–70	–	SOJ 121-1 R	2.6	SOJ 121-1 SL	1.0	SOJ 121-3 R	4.7	SOJ 121-3 SL	2.0
18.5–24	95–150	–	SOJ 122-1 R	3.0	SOJ 122-1 SL	1.1	SOJ 122-3 R	5.6	SOJ 122-3 SL	2.3
23–28	185–240	–	SOJ 123-1 R	3.1	SOJ 123-1 SL	1.2	SOJ 123-3 R	6.4	SOJ 123-3 SL	2.7
27–34	300–400	–	SOJ 124-1 R	4.3	SOJ 124-1 SL	1.6	SOJ 124-3 R	8.9	SOJ 124-3 SL	4.2
33.5–46	500–630	–	SOJ 125-1 R	5.9	SOJ 125-1 SL	2.2	–	–	–	–
19–23.5	–	50–70	SOJ 241-1 R	3.2	SOJ 241-1 SL	1.3	SOJ 241-3 R	6.2	SOJ 241-3 SL	2.8
22.5–28	–	95–150	SOJ 242-1 R	3.9	SOJ 242-1 SL	1.5	SOJ 242-3 R	7.0	SOJ 242-3 SL	3.4
27–35	–	185–300	SOJ 243-1 R	4.5	SOJ 243-1 SL	1.8	SOJ 243-3 R	9.1	SOJ 243-3 SL	4.5
33.5–46	–	400	SOJ 244-1 R	6.4	SOJ 244-1 SL	2.2	–	–	–	–

Accessories, to be ordered separately

Accessories	Use	SOJ R	SOJ SL	See page
ADAPTER	Cables with different dimensions	X	X	17
JSA 10–13	Cables with Cu-tape screen	X	X	57
JSA 14–16	Cables with Al-foil screen	X	X	57
TS	Additional kit for sector shaped 3-core cables	X	X	17
WIM	Diffusion seal	X	X	18
ARM	Armouring kit	–	X	58
STOP	Crutch seal when 3 x 1-core cables are jointed to a 3-core	X	–	17
SH-SKRM	Bolt connector	X	X	60



Premolded cable joint with heat-shrink outer jacket



SOJ HSTS 3-CORE KIT

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.

Standards

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 inner layer, an insulating layer and a conductive outer 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:

- Branch seal kit CSK 2, CSK 3 for transition between 3- or 1-core cables. Kits include a branch seal in heatshrink material, tapes and an installation instruction. CSK is to be ordered separately according to the table.
- For 16 – 35 mm² cables ADAPTER must be ordered separately, see the table below.
- WIM 3 – used as complement when jointing watertightened cable, see the table below.

Always select products by Insulation diameter.

Voltage kV	Insulation diameter mm	Conductor cross section mm ²	Designation	Weight 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



CSK



ADAPTER



WIM

Accessories	Use	See page
CSK	Branch seal for transition between 3- and 1-core cables	18
ADAPTER	Cables with different dimensions	17
WIM 3	Diffusion seal	18
JSA 10–13	Cables with Cu-tape screen	57
JSA 14–16	Cables with Al-foil screen	57

Premolded cable joint with heat-shrink outer jacket



SOJ HSTS 3-CORE KIT

Use

Premolded cable joint with heat-shrink outer jacket and bolt connector. For jointing 36 kV XLPE- and EPR-insulated 1- or 3-core cables with Al or Cu conductors.

Design

The joint body is made of rubber in three layers: a conductive inner layer, an insulating layer and a conductive outer 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 are included:

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

Note:

- Branch seal kit CSK 2, CSK 3 for transition between 3- or 1-core cables. Kits include a branch seal in heat-shrink material, tapes and an installation instruction. CSK is to be ordered separately according to the table.
- For 16 – 35 mm² cables ADAPTER must be ordered separately, see the table below.
- WIM 3 – used as complement when jointing watertightened cable, see the table below.

Always select products by Insulation diameter.

Voltage kV	Insulation diameter mm	Conductor cross section mm ²	Designation	Weight kg/kit
Cable joint for 1-core				
36	19–23.5	50–70	SOJ 361-1 70 HSTS	3.3
36	22.5–28	50–70	SOJ 362-1 70 HSTS	3.6
36	22.5–28	95	SOJ 362-1 95 HSTS	3.6
36	27–35	95–150	SOJ 363-1 150 HSTS	4.3
36	27–35	185–240	SOJ 363-1 240 HSTS	4.3
36	33.5–46.5	185–240	SOJ 364-1 240 HSTS	5.2
36	33.5–46.5	300–400	SOJ 364-1 400 HSTS	5.3
36	33.5–46.5	500–630	SOJ 365-1 500 HSTS*	5.5
Cable joint for 3-core				
36	19–23.5	50–70	SOJ 361-3 70 HSTS	5.8
36	22.5–28	50–70	SOJ 362-3 70 HSTS	6.9
36	22.5–28	95	SOJ 362-3 95 HSTS	6.9
36	27–35	95–150	SOJ 363-3 150 HSTS	8.8
36	27–35	185–240	SOJ 363-3 240 HSTS	8.8
36	33.5–46.5	185–240	SOJ 364-3 240 HSTS	10.6
36	33.5–46.5	300–400	SOJ 364-3 400 HSTS	10.7
36	33.5–46.5	500–630	SOJ 365-3 500 HSTS*	10.9

* Fits to 630 mm² if insulation diameter is 33.5–46.5.

Accessories, to be ordered separately



Accessories	Use	See page
CSK	Branch seal for transition between 3- and 1-core cables	18
ADAPTER	Cables with different dimensions	17
WIM 3	Diffusion seal	18
JSA 10–13	Cables with Cu-tape screen	57
JSA 14–16	Cables with Al-foil screen	57

Premolded cable joint, for cables with Cu-tape screen



Use

Premolded cable joint for XLPE- and EPR-insulated 1- or 3-core cable with Al or Cu conductors and Cu-tape screen for 12 –24 kV.

Standards

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 inner layer, an insulating layer and a conductive outer layer.

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 EA

- Contains copper stockings and constant force springs to restore the Cu-tape screen and cast resin armouring kit to restore the outer jacket.

Note:

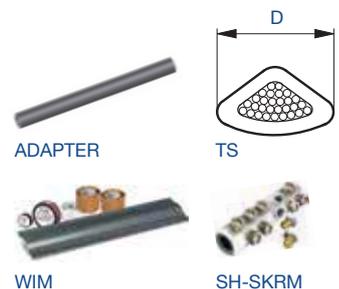
- Connectors for the cable conductors must be ordered separately.

Always select products by Insulation diameter.

Insulation diameter mm	Cable cross section		Designation 1-core
	12 kV mm ²	24 kV	
15–19.5	50–70	–	SOJ 121–3 EA
18.5–24	95–150	–	SOJ 122–3 EA
23–28	185–240	–	SOJ 123–3 EA
27–34	300–400	–	SOJ 124–3 EA
19–23.5	–	50–70	SOJ 241–3 EA
22.5–28	–	95–150	SOJ 242–3 EA
27–35	–	185–300	SOJ 243–3 EA

Accessories, to be ordered separately

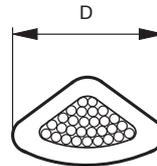
Accessories	Use	See page
ADAPTER	Cables with different dimensions	17
TS	Additional kit for sector shaped 3-core cables	17
WIM	Diffusion seal	18
ARM	Armouring kit	58
SH-SKRM	Bolt connector	60



Accessories, to be ordered separately

Additional kit TS

Additional kit for sector shaped 3-core cables, for use when the D-dimension over the insulation is above the value as below.



Designation	Fitting joint	D mm	Weight kg/item
TS 121	SOJ 121-3	20	0.1
TS 242	SOJ 242-3	29	0.1
TS 243	SOJ 243-3	39	0.1

Adapter kit, ADAPTER

Adapter for cables from 10 mm² and for jointing cables with a smaller cross section. Manufactured and tested to take one step down to the nearest joint size (each kit contains one adapter).



Designation	Fitting joint	Minimum conductor cross section mm ²	Insulation diameter mm	Weight kg/item
ADAPTER 1*	SOJ 121, 241, 361	10	Minimum 10	0.1

* Minimum diameter over connector is 12 mm.

Crutch seal, STOP

For sealing when three 1-core cables are jointed to a 3-core cable. Used only for SOJ R (see page 13).



Designation	Voltage kV	Suitable for 1-core cables with conductor cross section mm ²	Weight kg/item
STOP 1	12	50–185	0.2
	24–36	50–95	0.2
STOP 2	12	> 240	0.2
	24–36	> 120	0.2

Accessories, to be ordered separately

Diffusion seal, WIM

Used as complement to SOJ CS, SOJ CSS or SOJ R when jointing 1- or 3-core watertightened cables with diffusion barrier of aluminium.



WIM 3

Designation	Fitting joint	Type of cable	Weight kg/kit
WIM 3	SOJ 121-3, 122-3, 123-3 SOJ 241-3, 242-3, 243-3 SOJ 361-3, 362-3, 364-3	3-core with Al foil in direct contact with screen	0.3
WIM 5	SOJ 121-1, SOJ 122-1	1-core with Al-foil in direct contact with screen	0.4
WIM 6	SOJ 123-1, SOJ 124-1, SOJ 125-1 SOJ 241-1, SOJ 242-1, SOJ 243-1 SOJ 244-1, SOJ 245-1, SOJ 361-1 SOJ 362-1, SOJ 363-1, SOJ 364-1, SOJ 365-1	1-core with Al-foil in direct contact with screen	0.4

Accessories, to be ordered separately

CSK

Branch seal kit for , SOJ HSTS when transition between 3- and 1-core cables.



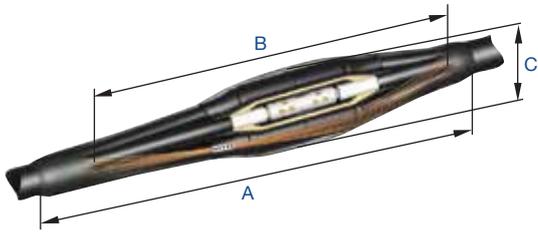
CSK

Accessories	Conductor cross section		
	12 kV mm ²	24 kV	36 kV
CSK 2	95–300	50–300	50–95
CSK 3	–	–	150–300

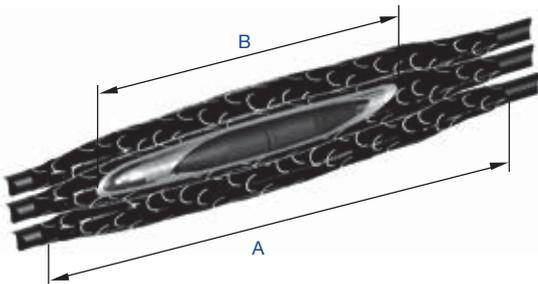


Accessories	Description	CSS	CS	R	SL	RWI	RWIT	HSTS	See page
ADAPTER	Cables with different dimensions	X	X	X	X	X	X	X	17
TS	Additional kit for sector shaped 3-core cables	X	X	X	X	–	X	X	17
WIM	Diffusion seal	X	X	X	–	–	–	X	18
STOP	Crutch seal when 3 x 1-core cables are jointed to a 3-core	–	–	X	–	–	–	–	17
CSK	Branch seal for transition between 3- and 1-core cables	–	–	–	–	–	–	X	18
SH-SKRM	Bolt connector	X	X	X	X	X		X	60
JSA 10–13	Earthing kit for cable with Cu-tape screen	X	X	X	–	–	–	X	57
JSA 14–16	Earthing kit for cable with Al-foil screen only	X	X	X	–	–	–	X	57
ARM	Armoured cable or when extra mechanical protection is required	–	–	–	X	–	–	–	58

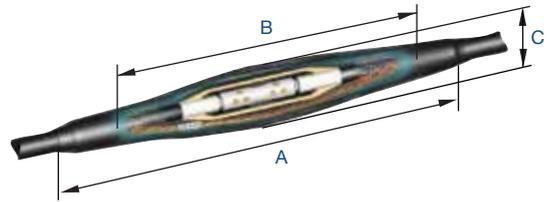
Dimensional drawings



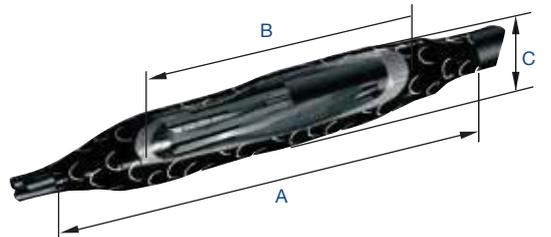
SOJ with cold-shrink outer jacket.



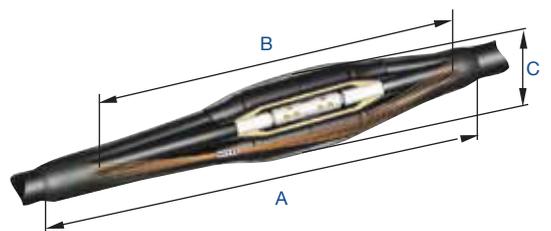
SOJ with RULLE outer jacket on 3 x 1-core WISKI™ cables.



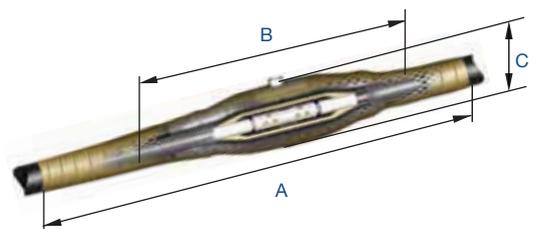
SOJ with cold-shrink outer jacket for watertightened 1-core cables.



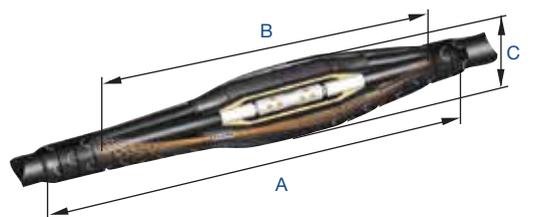
SOJ with RULLE outer jacket on 3 x 1-core WISKI™ cables to a 3-core XLPE-insulated cable.



SOJ with heat-shrink outer jacket.



SOJ with cast resin as armouring outer jacket.



SOJ with RULLE outer jacket.

Designation	Dimensions		
	A* mm	B*	C*
1-core			
SOJ 121-1	970–1050	740–850	60
SOJ 122-1	980–1090	780–890	65
SOJ 123-1	1070–1150	820–950	75
SOJ 124-1	1190–1270	970–1070	75
SOJ 125-1	1280–1400	980–1200	90
SOJ 241-1	1010–1090	770–890	75
SOJ 242-1	1070–1150	810–950	80
SOJ 243-1	1190–1270	940–1070	85
SOJ 244-1	1280–1400	980–1200	90
SOJ 361-1	1070	770	75
SOJ 362-1	1110	810	80
SOJ 363-1	1240	940	85
SOJ 364-1	1280	980	90
SOJ 365-1	1280	980	90
3-core			
SOJ 121-3	1120–1150	850–1000	120
SOJ 122-3	1170–1270	970–1150	125
SOJ 123-3	1310	1010–1190	140
SOJ 124-3	1350–1470	1170–1310	165
SOJ 241-3	1210–1240	940–1090	145
SOJ 242-3	1260–1310	1010–1140	160
SOJ 243-3	1330–1450	1150–1310	180
SOJ 361-3	1240	940	145
SOJ 362-3	1310	1010	160
SOJ 363-3	1450	1150	180
SOJ 364-3	1600	1300	200
SOJ 365-3	1600	1300	200

* Estimated dimensions depending on installation and type of outer jacket.

Tape cable joint



Use

For jointing XLPE- and EPR-insulated 1- and 3-core cables with Al or Cu conductor 12 – 36 kV.

Standard

Meets the requirements of:

- SEN 24 14 34
- SS 424 14 17 Edition 4
- VDE 0278

Design

The joint kit consists of tapes, stress grading pads FSD and a copper net.

Note:

- Connectors for conductor and screen and welding equipment must be ordered separately.

Designation	Weight kg/item	Designation	Weight kg/item
1 x 3-core or 3 x 1-core cables		1 x 1-core cable	
SMXB 1-3	2.6	SMXB 1-1	0.9
SMXB 2-3	3.7	SMXB 2-1	1.1
SMXB 3-3	4.0	SMXB 3-1	1.4
SMXB 4-3	4.3	SMXB 4-1	1.6
SMXB 5-3	4.5	SMXB 5-1	2.0
SMXB 6-3	5.9	SMXB 6-1	2.2
SMXB 7-3	6.7	SMXB 7-1	2.5
SMXB 8-3	9.7	SMXB 8-1	3.6
SMXB 9-3	12.9	SMXB 9-1	5.1
		SMXB 10-1	3.8
		SMXB 11-1	5.1
		SMXB 12-1	6.7
		SMXB 13-1	7.8

For selecting size see next page.

To be ordered separately



STOP



WIM



SC-B

Accessories	Description	See page
STOP	Crutch seal when 3 x 1-core cables are jointed to a 3-core	17
WIM	Diffusion seal	18
SC-B	Bolt connector	60
JSA 14-16	Earthing kit for cable with Al-foil screen only	57
JSA 14-16	Cables with Al-foil screen	57

Tables for selection of tape cable joint

For compression of aluminium conductors

Voltage kV	Insulation thickness mm	Cross section mm ²																
		10	25	35	50	70	95	120	150	185	240	300	400	500	630	800	1000	1200
One 3-core or three 1-core cables		Cable joint SMXB No.																
12	3.4	1	1	1	1	1	2	2	2	3	3	6	7	7	8	9	11*	12*
24	5.5	2	3	4	4	4	5	5	6	6	6	8	8	8	9	9	11*	13*
One 1-core cable		Cable joint SMXB No.																
36	8.0	–	10	10	10	10	10	10	10	11	11	11	11	11	12	13	13	13

* For 3-core cables choose 3 kits.

For compression of Cu-conductors

Voltage kV	Insulation thickness mm	Cross section mm ²																
		25	30	50	70	95	120	150	185	240	300	400	500	630	800	1000	1200	
One 3-core or three 1-core cables		Cable joint SMXB No.																
12	3.4	1	1	1	1	1	1	2	2	3	3	7	7	7	8	8	9	
24	5.5	3	3	3	3	3	5	5	5	6	6	7	8	8	9	9	11*	
One 1-core cable		Cable joint SMXB No.																
36	8.0	10	10	10	10	10	10	10	10	11	11	11	11	11	11	13	13	13

* For 3-core cables choose 3 kits.

For termite welding of aluminium or Cu-conductors

Voltage kV	Insulation thickness mm	Cross section mm ²					
		400	500	630	800	1000	1200
One 3-core or three 1-core cables		Cable joint SMXB No.					
12	3.4	7	7	7	–	–	–
24	5.5	7	8	8	–	–	–
One 1-core cable		Cable joint SMXB No.					
36	8.0	11	11	11	11	12	12

Always select products by Insulation diameter.

Accessories, to be ordered separately

STOP

Crutch seal for sealing when 3 x 1-core cables are jointed to a 3-core cable.



Designation	Voltage kV	Suitable for 1-core cables with conductor cross section mm ²	Weight kg/item
STOP 1	12	50–185	0.2
	24	50–95	0.2
	36	50–95	0.2
STOP 2	12	> 240	0.2
	24	> 120	0.2
	36	> 120	0.2

WIM

Diffusion seal kits for restoring radial watertightness on cables with diffusion barrier of aluminium.



Designation	Fitting joint	Type of cable	Weight kg/kit
WIM 1	SMXB 1-1, 2-1, 3-1, 4-1	1-core with Al-foil	0.5
WIM 2	SMXB 5-1, 6-1, 7-1, 8-1, 9-1, 10-1, 11-1, 12-1	1-core with Al-foil	0.5
WIM 3	SMXB 1-3, 2-3, 3-3, 4-3, 5-3, 6-3	3-core with Al-foil in direct contact with screen	0.3