



IN-LINE SPLICE (HVS 1/C) FOR 1/C SHIELDED CABLE (5 - 35 kV)

KEY FEATURES

- Kits contain a solderless grounding kit, consisting of a ground clamp, a ground braid, and shielding mesh
- Heat-shrink feature allows the kits to accommodate out-of-round, out-of-spec cable.

TE Connectivity's (TE) Raychem heat-shrinkable shielded power cable splices are pre-engineered to offer a compact, low-profile installation with a minimum diameter buildup.

Qualified to IEEE 404. For use on copper tape, wire shield, lead sheath, and UniShield cables. Some kits contain tube for outer layer.

Customers can count on consistent, high quality products, driven by TE's proven innovation and backed by our extraordinary customer support.



PRODUCT SELECTION INFORMATION: DIMENSIONS IN INCHES (mm)								
Description	Conductor Size (AWG/kcmil)		Insulation Diameter (min. - max.)	Jacket O.D. (max.)	Maximum Connector Dimensions		Kit Installed Length	Required Installation Space
					OD	Length		
HVS 820S Series	5 kV	5/8 kV						
HVS-821S	#6 - 2/0	#6 - #2	0.35 - 0.65 (9 - 17)	0.80 (20)	0.50 (13)	3 (76)	24 (610)	44 (1118)
HVS-822S	3/0 - 300	#1 - 4/0	0.55 - 0.90 (14 - 23)	1.15 (29)	0.75 (19)	4.25 (108)	24 (610)	45 (1143)
HVS-823S	350 - 750	250 - 350	0.55 - 0.90 (14 - 23)	1.80 (46)	1.10 (28)	6 (152)	27 (686)	50 (1270)
HVS-824S	1000 - 1500	500 - 750	1.00 - 1.60 (25 - 41)	2.30 (58)	1.45 (37)	8 (203)	30 (762)	56 (1422)
HVS-825S	-	750 - 1000	1.30 - 2.25 (33 - 57)	2.45 (62)	1.85 (47)	8 (203)	30 (762)	56 (1422)
HVS 1520S Series		15 kV						
HVS-1521S	-	2/4/00	0.65 - 1.05 (17 - 27)	1.25 (32)	0.90 (23)	4.25 (108)	27 (686)	54 (1372)
HVS-1522S	-	250 - 350	0.90 - 1.30 (23 - 33)	1.50 (38)	1.20 (30)	5.5 (140)	28 (711)	56 (1422)
HVS-1523S	-	500 - 750	1.10 - 1.60 (28 - 41)	1.85 (47)	1.60 (41)	8 (203)	30 (762)	59 (1499)
HVS-1524S	-	750 - 1000	1.25 - 1.80 (32 - 46)	2.10 (53)	1.85 (47)	8 (203)	34 (864)	67 (1702)
HVS-1525S	-	1250 - 2000	1.60 - 2.50 (41 - 64)	2.80 (71)	2.40 (61)	8 (203)	40 (1016)	74 (1880)
HVS 1520S-W (15 kV) with Wraparound Rejacketing Sleeve		15 kV						
HVS-1521S-W	-	#2 - 4/0	0.65 - 1.05 (17 - 27)	1.25 (32)	0.90 (23)	4.25 (108)	28 (711)	39 (990)
HVS-1522S-W	-	250 - 350	0.90 - 1.30 (23 - 33)	1.50 (38)	1.20 (30)	5.5 (140)	28 (711)	40 (1016)
HVS-1523S-W	-	500 - 750	1.10 - 1.60 (28 - 41)	1.85 (47)	1.60 (41)	8 (203)	30 (762)	45 (1143)
HVS-1524S-W	-	750 - 1000	1.25 - 1.80 (32 - 46)	2.10 (53)	1.85 (47)	8 (203)	34 (864)	49 (1244)
HVS-1525S-W	-	1250 - 2000	1.60 - 2.50 (41 - 64)	2.80 (71)	2.40 (61)	11 (279)	40 (1016)	54 (1371)
HVS 2520 S (25 kV)		15 kV						
HVS-2521S	-	#1 - 250	0.90 - 1.20 (23 - 31)	1.50 (38)	1.10 (28)	4.00 (102)	40 (1016)	56 (1422)
HVS-2522S	-	350 - 500	1.20 - 1.50 (31 - 38)	1.95 (50)	1.35 (34)	6.0 (152)	40 (1016)	60 (1524)
HVS-2523S	-	750 - 1000	1.50 - 1.80 (38 - 46)	2.40 (61)	1.85 (47)	8 (203)	40 (1016)	62 (1575)
HVS-T-1580 (15 kV)								
HVS-3521S	-	1/0 - 3/0	0.95 - 1.35 (24 - 34)	1.55 (39)	1.20 (30)	4.00 (102)	40 (1016)	53 (1346)
HVS-3522S	-	4/0 - 600	1.20 - 1.70 (31 - 43)	2.10 (53)	1.50 (38)	6.0 (152)	44 (1118)	40 (1016)
HVS-3523S	-	600 - 1000	1.55 - 2.15 (39 - 55)	2.80 (71)	1.85 (47)	10 (254)	44 (1118)	45 (1143)

*All selections are based on the typical dimensions of 100% insulated cables, manufactured in accordance with AEIC standard Nominal insulation thickness (100%): 5 kV: 90 mils , 5/8 kV: 115 mils , 15 kV: 175 mils , 25 kV: 260 mils , 35 kV: 345 mils.
 If you have any questions, contact your TE Connectivity sales engineer or representative.
 For cables manufactured to other specifications, confirm selection with cable and connector dimensions.
 HVS-SHM kits are available if the diameter of one of your cables is not within the standard range.
 Kits do not contain connectors; order compression or solder connectors separately.
 If external grounding is required, order an HVS-EG kit Standard package: 1 kit/box

TEST REPORT
HVS 5-8 kV: EDR-5181
HVS 15 kV: EDR-5114
HVS 25 kV: EDR-5150
HVS 25-35 kV: EDR-5197
HVS-1520S-W: EDR-5225e

te.com/energy

© 2014, 2016 TE Connectivity Ltd. family of companies. All Rights Reserved. EPP-2745-DDS-5/16-EN-AMS-HVS-1C-Inline-Raychem E574

Raychem, TE Connectivity and TE connectivity (logo) are trademarks. Other logos, product and/or company names might be trademarks of their respective owners. While TE has made every reasonable effort to ensure the accuracy of the information in this brochure, TE does not guarantee that it is error-free, nor does TE make any other representation, warranty or guarantee that the information is accurate, correct, reliable or current. TE reserves the right to make any adjustments to the information contained herein at any time without notice. TE expressly disclaims all implied warranties regarding the information contained herein, including, but not limited to, any implied warranties of merchantability or fitness for a particular purpose. The dimensions in this catalog are for reference purposes only and are subject to change without notice. Specifications are subject to change without notice. Consult TE for the latest dimensions and design specifications.

**FOR MORE INFORMATION:
TE Technical Support Centers**

USA: + 1 800 327 6996
 France: + 33 380 583 200
 UK: + 44 0870 870 7500
 Germany: + 49 896 089 903
 Spain: + 34 916 630 400
 Italy: + 39 333 250 0915
 Benelux: + 32 16 351 731
 Canada: + 1 (905) 475-6222
 Mexico: + 52 (0) 55-1106-0800
 Latin/S. America: + 54 (0) 11-4733-2200
 China: + 86 (0) 400-820-6015





Raychem EPKJ Heat-shrinkable Joint Systems for MI/MIND Paper Insulated Cables for up to 1 kV

Raychem heat-shrinkable materials have been widely used to insulate, seal and mechanically protect power cables since the 1960's. The reliability and simplicity of the heat-shrinkable technique led our engineers, in close collaboration with electrical utilities, to develop a series of cable joints based on these materials. The TE Energy's system eliminates the heavy equipment, compound pouring and delays of traditional methods, and has proven to be a dependable, time-saving and easy-to-install answer to cable jointing problems.

Ease of installation

By shrinking clear insulating tubing over the cores, the fitter is able to protect the cable from moisture and dirt right from the start of the jointing procedure. To insulate the connectors, heavy-wall heat-shrinkable tubing is

used. This automatically ensures the necessary wall thickness and allows the use of various conductor jointing techniques.

Sealing

To keep cable impregnation in place and water out, the functions of the lead sheath are restored with an adhesive-lined heat-shrinkable sleeve. The heat and the shrinking action cause the adhesive to melt and flow, providing a high integrity durable seal on the ends of the cable sheath.

Mechanical strength

A galvanized steel grid is used for impact protection. This is flexible enough to be easily wrapped round the joint, but rigid when clamped to the cable armour. The Raychem Armarap joint case has been developed and fully tested for earth fault carrying capacity.

Performance

Raychem joints are designed and fully tested to meet Raychem specification PPS 3013, which encompasses the requirements of the major national standards and international norms. Each joint covers a range of cable sizes and is supplied in kit form complete with illustrated installation instructions.

As one of the leaders of heat-shrinkable materials and one of the largest cable accessory makers, TE Energy makes a wide range of cable jointing, insulating and sealing systems, supporting them with customer training, service and technical assistance to meet the demands of the electricity supply industry.

Raychem
from TE Connectivity

Minimum Performance for Raychem Joints for MI/MIND Paper Insulated Cables EPKJ up to 1 kV

Test Sequence		Result
Insulation Resistance	between conductor and grounded water bath	≥ 1000 MΩ
Impact	4 kg wedge dropped 6 times from 2 m	no functional damage
A.C. Voltage Withstand	4 kV for 15 min	no breakdown and no flashover
Impulse Voltage Withstand	10 positive and 10 negative, 1.2/50μs, 8 kV peak, between conductor and grounded water bath	no breakdown and no flashover
Insulation Resistance	repeat	≥ 1000 MΩ
Load Cycling	63 cycles 5h heating, 3h cooling conductor temperature: 85°C	pass
Thermal Short Circuit	1s symmetrical fault with conductor temperature as for cable specification 1s earth fault with sheath temperature as for cable specification	no visible signs of damage
Load Cycling	as above with cable in 1 m water, oversheath removed	pass
Insulation Resistance	repeat	≥ 1000 MΩ
Impulse Voltage Withstand	repeat	no breakdown and no flashover
D.C. Voltage Withstand	15 kV for 5 min in water	no breakdown and no flashover
Notes:	1. All voltages are phase to ground. 2. Further details are given in Raychem specification PPS 3013.	

Ordering information

4 core paper cable with armour

Cross-section	Raychem kit number
16 - 25 mm ²	EPKJ 0528
35 - 50 mm ²	EPKJ 0535
70 - 150 mm ²	EPKJ 0542
185 - 300 mm ²	EPKJ 0549

Raychem joint kits are available for MI/MIND paper insulated cables for up to 1 kV, with 2 to 5 cores and with conductor cross-sections up to 300 mm². Solderless earth connections and a full selection table are available on request.

Raychem joint kits are supplied complete with full installation and application information.

For further details on this or any other Raychem products please contact your local sales representative.

While TE Connectivity (TE) has made every reasonable effort to ensure the accuracy of the information in this catalog, TE does not guarantee that it is error-free, nor does TE make any other representation, warranty or guarantee that the information is accurate, correct, reliable or current. TE reserves the right to make any adjustments to the information contained herein at any time without notice. TE expressly disclaims all implied warranties regarding the information contained herein, including, but not limited to, any implied warranties of merchantability or fitness for a particular purpose. The dimensions in this catalog are for reference purposes only and are subject to change without notice. Specifications are subject to change without notice. Consult TE for the latest dimensions and design specifications. Raychem, TE Connectivity and TE connectivity (logo) are trademarks.

TE Energy - innovative and economical solutions for the electrical power industry: cable accessories, connectors & fittings, insulators & insulation, surge arresters, switching equipment, lighting controls, power measurement and control.

Tyco Electronics Raychem GmbH
a TE Connectivity Ltd. Company
TE Energy
Finsinger Feld 1
85521 Ottobrunn/Munich, Germany

Phone: +49-89-6089-0
Fax: +49-89-6096345

energy.te.com



EPKJ

Raychem 11-33 kV Jointing System for Straight and Transition Joints

Joint selection chart - choose one figure from the left hand column of each table

Typical part number: EPKJ 17 C 3XU 3SB -W

Voltage
Cable size
Insulation - Cable 1
Insulation - Cable 2
Armour

Voltage class	
17	11 – 17.5 kV
24	22 kV
36	33 kV

Size in mm ²	11 kV	17.5 kV	22 kV	33 kV*
A	35 – 70	25 – 50	25	50 – 70
B	95 – 185	70 – 150	35 – 70	95 – 150
C	240 – 400	185 – 300	95 – 240	185 – 400
D	500 – 630	400 – 500	300 – 400	500 – 630

Cable 1 No. of cores	
1	for single-core cables
3	for 3-core cables

Insulation type	
XU	for polymeric (EPR or XLPE)
HL	for paper cables with lead sheath on each core
SB	for 3-core paper cables (screened or belted) with overall metal sheath

Cable 2 No. of cores	
1	for single-core cables
3	for 3-core cables

Insulation type	
XU	for polymeric (EPR or XLPE)
HL	for paper cables with lead sheath on each core
SB	for 3-core paper cables (screened or belted) with overall metal sheath

Armour**	
W	only to be used with 3c - 3c SWA cables

* For 6.6 kV or 33 kV joint selection, contact your TE specialist distributor or your local TE office.

** For single-core aluminium wire armoured cables, armour kit SMOE 61293 is required in addition to the joint kit.

EPKJ

Raychem Medium Voltage Heat Shrink Cable Joints up to 17.5 kV

FEATURES

- Pre-engineered range taking heat-shrinkable tubings incorporating precisely engineered impedance stress control. EPKJ universal joints are suitable for a wide range of connectors and cable sizes with no limitations on shelf life

APPLICATION

- Suitable for polymeric, rubber and paper insulated MIND cables single and three core, armoured and non-armoured

CONFORMS TO

- CENELEC and IEC standards

Raychem medium voltage heat shrink cable joints up to 17.5 kV



Product name	Conductor size (mm ²)	Part number
XLPE TO XLPE		
Single core to three core		
EPKJ-17A/1XU-3XU	35 – 70	611905-011
EPKJ-17B/1XU-3XU	95 – 185	591811-011
EPKJ-17C/1XU-3XU	240 – 400	961580-011
Three core to three core		
EPKJ-17A/3XU-3XU	35 – 70	345116-011
EPKJ-17B/3XU-3XU	95 – 185	765410-011
EPKJ-17C/3XU-3XU	240 – 400	251291-011
Three core to three core armoured		
EPKJ-17A/3XU-3XU-W	35 – 70*	863732-011
EPKJ-17B/3XU-3XU-W	95 – 185*	467470-011
EPKJ-17C/3XU-3XU-W	240 – 400*	678746-011
XLPE to paper insulated lead covered single core		
EPKJ-17A/1XU-1HL	35 – 70	042316-011
EPKJ-17B/1XU-1HL	95 – 185	361308-011
EPKJ-17C/1XU-1HL	240 – 400	634912-011
EPKJ-17D/1XU-1HL	500 – 630	813649-011
Paper insulated lead covered single core		
EPKJ-17C/1HL-1HL	240 – 400	885779-011
EPKJ-17D/1HL-1HL	500 – 630	292748-011
XLPE to paper insulated lead covered 3-core unarmoured		
EPKJ-17A/3XU-3SB	35 – 70	179240-000
EPKJ-17B/3XU-3SB	95 – 185	226574-011
EPKJ-17C/3XU-3SB	240 – 400	545967-011
XLPE to paper insulated lead sheathed 3-core armoured		
EPKJ-17A/3XU-3SB-W	25 – 50	116472-011
EPKJ-17B/3XU-3SB-W	70 – 150	351372-011
EPKJ-17C/3XU-3SB-W	185 – 300	984248-011
Paper insulated lead sheathed 3-core armoured		
EPKJ-17A/3SB-3SB-W	25 – 50	144086-011
EPKJ-17B/3SB-3SB-W	70 – 150	098379-011
EPKJ-17C/3SB-3SB-W	185 – 300	114577-011
XLPE single core to paper insulated lead sheathed 3-core		
EPKJ-17B/1XU-3HL	95 – 185	635241-011
XLPE single core to paper insulated lead sheathed 3-core		
EPKJ-17A/1XU-3SB	35 – 70	652371-011
EPKJ-17B/1XU-3SB	95 – 185	650316-011
EPKJ-17C/1XU-3SB	240 – 400	747518-011
EPKJ-17D/1XU-3SB	500 – 630	098464-000

NOTE

SB for 3-core paper cables (screened or belted) with overall metal sheath.
HL for paper cables with lead sheath on each core.
Where possible use MXSU and MXSW product.

EPKJ

Raychem Medium Voltage Heat Shrink Cable Joints up to 24 kV

FEATURES

- Pre-engineered range taking heat-shrinkable tubings incorporating precisely engineered impedance stress control. EPKJ universal joints are suitable for a wide range of connectors and cable sizes with no limitations on shelf life

APPLICATION

- Suitable for polymeric, rubber and paper insulated MIND cables
- single and three core, armoured and non-armoured

CONFORMS TO

- CENELEC and IEC standards

Raychem medium voltage heat shrink cable joints up to 24 kV



Product name	Conductor size (mm ²)	Part number
XLPE TO XLPE		
EPKJ-24D/1XU-3XU	300 – 400	858656-011
EPKJ-24D/3XU-3XU	300 – 400	209513-011
EPKJ-24B/3XU-3XU-W	35 – 70	961281-011
EPKJ-24C/3XU-3XU-W	95 – 240	741682-011
EPKJ-24D/3XU-3XU-W	300 – 400	425444-011
XLPE to paper insulated lead covered single core		
EPKJ-24B/1XU-1HL	35 – 70	533966-000
EPKJ-24C/1XU-1HL	95 – 240	110743-011
EPKJ-24D/1XU-1HL	300 – 400	818203-011
Paper insulated lead covered single core		
EPKJ-24B/1HL-1HL	35 – 70	712089-000
EPKJ-24C/1HL-1HL	95 – 240	122185-011
EPKJ-24D/1HL-1HL	300 – 400	861101-000
XLPE to paper insulated lead sheathed 3-core unarmoured		
EPKJ-24C/3XU-3SB	95 – 240	013208-011
XLPE to paper insulated lead sheathed 3-core armoured		
EPKJ-24C/3XU-3SB-W	95 – 240	600096-011
XLPE to paper insulated lead covered 3-core unarmoured.		
EPKJ-24C/3XU-3HL	95 – 240	634461-011
EPKJ-24D/3XU-3HL	300 – 400	736647-011
XLPE single core to paper insulated lead sheathed 3-core		
EPKJ-24A/1XU-3SB	25	655611-000
EPKJ-24B/1XU-3SB	35 – 70	866971-011
EPKJ-24C/1XU-3SB	95 – 240	972354-011
EPKJ-24D/1XU-3SB	300 – 400	025566-011
XLPE single core to paper insulated lead sheathed 3-core		
EPKJ-24B/1XU-3HL	35 – 70	026840-000
EPKJ-24C/1XU-3HL	95 – 240	861100-011
EPKJ-24D/1XU-3HL	300 – 400	338149-000

NOTE SB for 3-core paper cables (screened or belted) with overall metal sheath.
HL for paper cables with lead sheath on each core.
Where possible use MXSU and MXSW product.

EPKJ

Raychem Medium Voltage Heat Shrink Cable Joints up to 36 kV

FEATURES

- Pre-engineered range taking heat-shrinkable tubings incorporating precisely engineered impedance stress control. EPKJ universal joints are suitable for a wide range of connectors and cable sizes with no limitations on shelf life

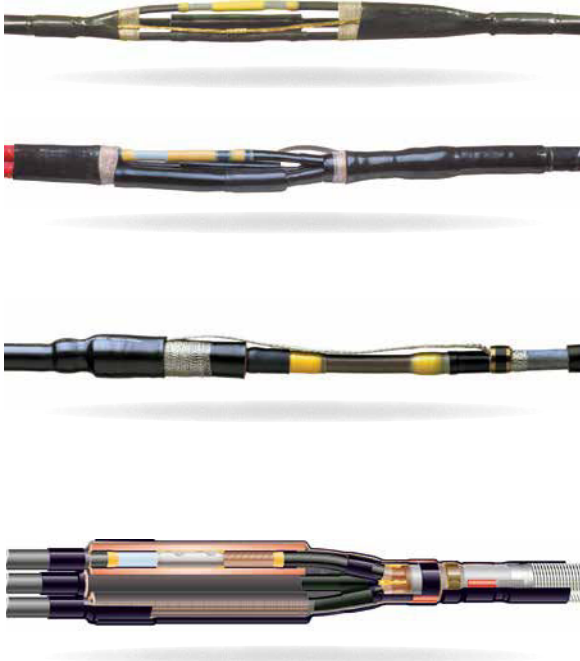
APPLICATION

- Suitable for polymeric, rubber and paper insulated MIND cables single and three core, armoured and non-armoured

CONFORMS TO

- CENELEC and IEC standards

Raychem medium voltage heat shrink cable joints up to 36 kV



Product name	Conductor size (mm ²)	Part number
XLPE TO XLPE		
EPKJ-36A/1XU-1XU	50 – 70	116908-011
EPKJ-36B/1XU-1XU	95 – 150	407944-011
EPKJ-36C/1XU-1XU	185 – 400	682466-011
EPKJ-36D/1XU-1XU	500 – 630	698309-011
EPKJ-36A/3XU-3XU-W	50 – 70	653639-011
EPKJ-36B/3XU-3XU-W	95 – 150	245043-011
EPKJ-36C/3XU-3XU-W	185 – 400	868075-011
XLPE to paper insulated lead covered single core		
EPKJ-36A/1XU-1HL	50 – 70	933038-011
EPKJ-36B/1XU-1HL	95 – 150	093715-011
EPKJ-36C/1XU-1HL	185 – 400	697197-011
EPKJ-36D/1XU-1HL	500 – 630	291626-011
SMOE-64222	500 poly to 1000 mm ²	CS9849-011
Paper insulated lead covered single core		
EPKJ-36B/1HL-1HL	95 – 150	093715-011
EPKJ-36C/1HL-1HL	185 – 400	105526-011
EPKJ-36D/1HL-1HL	500 – 630	928072-011
XLPE to paper insulated lead sheathed 3-core armoured		
EPKJ-36C/3XU-3SB-W-GB01	185 – 240	CU8132-011
EPKJ-36B/3SB-3SB-W	95 – 150	267335-000
EPKJ-36C/3SB-3SB-W	185 – 400	012579-011
XLPE single core to paper insulated lead sheathed 3-core		
EPKJ-36A/1XU-3HL	50 – 70	756137-000
EPKJ-36B/1XU-3HL	95 – 150	018099-011
EPKJ-36C/1XU-3HL	185 – 400	021838-011
XLPE single core to paper insulated lead sheathed 3-core		
EPKJ-36A/1XU-3SB	50 – 70	348453-000
EPKJ-36B/1XU-3SB	95 – 150	016746-011
EPKJ-36C/1XU-3SB	185 – 400	815876-011



SXSU/SXST/SXSW/SXAW

Joints for polymeric insulated cables from 12 kV up to 36 kV

General Description

Raychem SXSU/SXST/SXSW/SXAW series of heat shrinkable joints is based on well established, highly reliable, radiation cross linked polymeric tubes which are easy to install, eliminates shelf life limitations even in severe climates and permits immediate back filling of trenches and quick energization.

With millions of installations throughout the world, Raychem SXSU cable joints for up to 36 kV are acknowledged to be more reliable and quicker to install than conventional systems.

SXSU kits exceed International performance standards including CENELEC HD 629 and IEC 60502-4.

Features & Benefits

- Polymeric/elastomeric triple extruded, conducting/insulating joint body ensures higher recovery force and fewer components, improving reliability and simplifying installation.
- Insulating, screening and electric field control derived from specially formulated, crosslinked polymeric materials with precisely defined electrical characteristics.
- Factory engineered components ensure consistent installations with pre-determined insulation thickness, eliminating installer errors.
- No penciling of insulation required, reducing installation time.
- Shrinking process drives out moisture / condensation in the jointing area, ensuring no moisture entrapment within the joint.
- Wide use range of kits ensures fewer kits to cover a range of conductor sizes, reducing inventory.
- Special low viscosity void filler flows and uniformly envelops the connector, creating a smooth profile.
- Unlimited shelf life allows stocking of economic quantities without product spoilage.
- Enhanced range-taking ability means that one kit fits more conductor sizes, reducing stocking requirements.

Selection Information: dimensions shown in millimeters

Inline joint for 1-core polymeric cables with copper wire shield, without armour

Kit Number	12kV	24kV	36kV	Diameter over Core insulation	Diameter Cable oversheath	Connector dimensions max. diameter/max.length
SXSU-3111	35-70			15,4-20,2 mm	23-29 mm	23 mm/ 110 mm
SXSU-3121	95-185			17,6-26,9 mm	25-37 mm	29 mm/ 160 mm
SXSU-3131	185-300			22,0-31,4 mm	29-43 mm	34 mm/ 180 mm
SXSU-3141	300-500			28,4-38,8 mm	36-52 mm	44 mm/ 220 mm
SXSU-4111	50-70			15,4-20,2 mm	23-29 mm	22 mm/ 110 mm
SXSU-4121	95-185			17,6-26,9 mm	25-37 mm	29 mm/ 160 mm
SXSU-4131	185-300			23,2-31,4 mm	29-43 mm	36 mm/ 180 mm
SXSU-4141	400-630			29,8-42,5 mm	40-52 mm	52 mm/ 250 mm
SXSU-4151	800-1200			39,4-50,0 mm	48-66 mm	62mm/ 280 mm
SXSU-5121		25-95		17,6-26,0 mm	25-37 mm	23 mm/ 120 mm
SXSU-5131		95-240		23,2-33,6 mm	28-44 mm	34 mm/ 140 mm
SXSU-5141		240-500		29,8-41,6 mm	33-52 mm	44 mm/ 230 mm
SXSU-5151		630-800		39,4-48,0 mm	48-66 mm	58 mm/ 250 mm
SXSU-5161		1000-1200		49,4-56,2 mm	55-75 mm	62 mm/ 280 mm
SXSU-6121			35-95	24,0-31,4 mm	32-41 mm	22 mm/ 140 mm
SXSU-6131			95-150	26,4-34,4 mm	35-46 mm	29 mm/ 160 mm
SXSU-6141			185-400	31,9-43,7 mm	40-54 mm	42 mm/ 220 mm
SXSU-6151			500-800	42,9-53,4 mm	55-66 mm	58 mm/ 250 mm
SXSU-6161			800-1200	46,2-61,5 mm	55-73 mm	62 mm/ 280 mm
SXSU-6122			35-150	24,0-34,4 mm	33-44 mm	29 mm/ 160 mm
SXSU-6132			150-300	30,8-40,5 mm	36-52 mm	38 mm/ 160 mm
SXSU-6142			400-630	40,1-50,5 mm	40-62 mm	52 mm/ 250 mm
SXSU-6152			800-1200	45,6-61,5 mm	55-76 mm	62 mm/ 280 mm

Note: For copper tape shield or armoured cables, please contact your local sales representative.

Inline joint for 3-core polymeric cables with copper wire shield, without armour

Kit Number	12kV	24kV	36kV	Diameter over Core insulation	Diameter Cable oversheath	Connector dimensions max. diameter/max.length
SXSU-3311	35-70			15,4-20,2 mm	40-57 mm	23 mm/ 110 mm
SXSU-3321	95-185			17,6-26,9 mm	53-73 mm	29 mm/ 160 mm
SXSU-3331	185-300			22,0-31,4 mm	63-82 mm	34 mm/ 180 mm
SXSU-4302	16-35			13,2-17,3 mm	38-49 mm	17 mm/ 100 mm
SXSU-4312	50-70			15,4-20,2 mm	46-57 mm	22 mm/ 110 mm
SXSU-4322	95-185			17,6-26,9 mm	53-73 mm	29 mm/ 160 mm
SXSU-4332	185-300			23,2-31,4 mm	63-82 mm	36 mm/ 180 mm
SXSU-5322		25-95		17,6-26,0 mm	48-72 mm	23 mm/ 120 mm
SXSU-5332		95-240		23,2-33,6 mm	62-89 mm	34 mm/ 140 mm
SXSU-5342		240-500		29,8-41,6 mm	78-100 mm	44 mm/ 230 mm

Note: For copper tape shield or armoured cables, please contact your local sales representative.

Inline joint for 3-core polymeric cables with copper wire shield and steel tape armour

Kit Number	12kV	Diameter over Core insulation	Diameter Cable oversheath	Connector dimensions max. diameter/max.length
SXST-4303	16-35	13,2-17,3 mm	38-52 mm	17 mm/ 100 mm
SXST-4313	50-70	15,4-20,2 mm	48-57 mm	22 mm/ 110 mm
SXST-4323	95-185	17,6-26,9 mm	56-73 mm	29 mm/ 160 mm
SXST-4333	185-300	23,2-31,4 mm	68-84 mm	36 mm/ 180 mm

Note: For tape shield cables, please contact your local sales representative.

Inline joint for 3-core polymeric cables with copper wire shield and steel wire armour

Kit Number	12kV	Diameter over Core insulation	Diameter Cable oversheath	Connector dimensions max. diameter/max.length
SXSW-4304	16-35	13,2-17,3 mm	38-54 mm	17 mm/ 100 mm
SXSW-4314	50-70	15,4-20,2 mm	48-60 mm	22 mm/ 110 mm
SXSW-4324	95-185	17,6-26,9 mm	56-75 mm	29 mm/ 160 mm
SXSW-4334	185-300	23,2-31,4 mm	68-86 mm	36 mm/ 180 mm

Note: For copper tape shield cables, please contact your local sales representative.

Inline joint for 1-core polymeric cables with aluminium wire armour

Kit Number	12kV	24kV	36kV	Diameter over Core insulation	Diameter Cable oversheath	Connector dimensions max. diameter/max.length
SXAW-3121	95-185			17,6-26,9 mm	28-39 mm	28,5 mm/ 140 mm
SXAW-3131	185-300			22,0-31,4 mm	33-45 mm	34 mm/ 180 mm
SXAW-3141	400-500			28,4-38,8 mm	40-52 mm	44 mm/ 220 mm
SXAW-3151	630-800			39,4-45,5 mm	53-59 mm	58 mm/ 250 mm
SXAW-5121		50-95		17,6-26,0 mm	28-39 mm	23 mm/ 120 mm
SXAW-5131		120-185		23,2-33,6 mm	33-44 mm	28,5 mm/ 140 mm
SXAW-5141		240-400		29,8-38,8 mm	40-54 mm	38,5 mm/ 220 mm
SXAW-5151		500-630		39,4-45,0 mm	54-64 mm	52 mm/ 250 mm
SXAW-6122			50-95	24,0-31,4 mm	33-44 mm	23 mm/ 120 mm
SXAW-6132			120-240	30,8-40,5 mm	44-54 mm	32 mm/ 160 mm
SXAW-6142			300-630	40,1-50,5 mm	54-68 mm	52 mm/ 250 mm

Note: For tape shield cables, please contact your local sales representative.