

RHSJ-X *for Medium Voltage Polymeric Insulated*

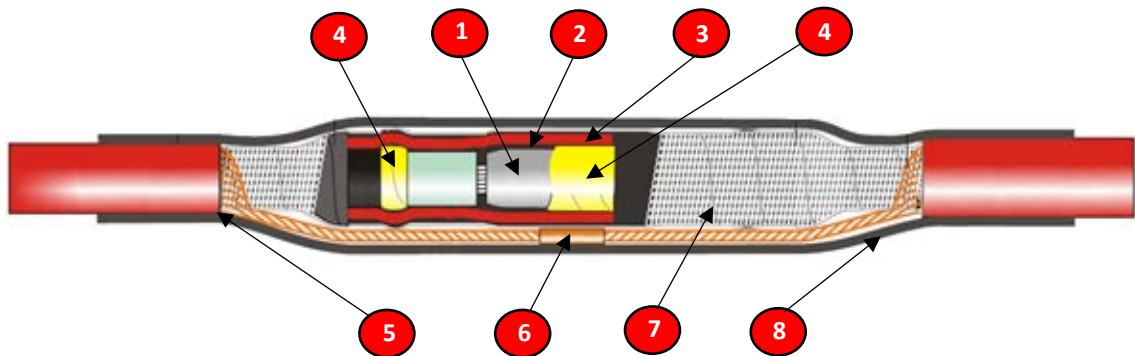
The RHSJ-X range of kits are designed for jointing either single or three core cable designs with polymeric (XLPE or EPR) insulation and can be used with both compression and mechanical type connectors.

Kit Contents:

Typical Kits for un-armoured cables (Part number beginning RSJU)

- | | |
|--|---|
| 1) Conductor Connector (Optional – can be supplied if specified) | 5) Black Sealing Mastic |
| 2) Heat Shrinkable Stress Control Tube | 6) Screen Wire Connectors |
| 3) Heat Shrinkable Insulation Tube (Type & number varies with joint) | 7) Tinned Copper Mesh |
| 4) Stress Grading Mastic | 8) Heat Shrinkable Outer Protection Tube(s) |
| | 9) Full Installation Instructions & Cleaning Wipe |

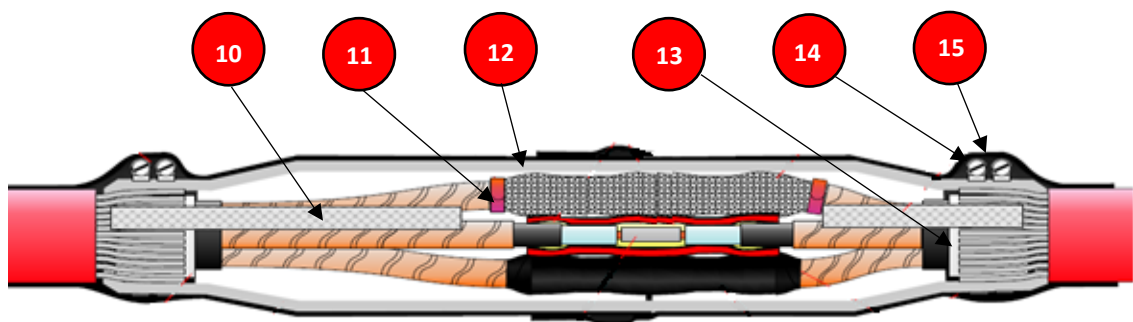
Example: Single Core Unarmoured Cable Joint



Typical additional / replacement components for armoured cables (Part number beginning RSJA)

- | | |
|--|---------------------------------------|
| 10) Tinned Copper Braid | 13) Armour Support Rings |
| 11) Constant Force Spring for Copper Tape Screen | 14) Worm Drive Hose Clips for Armours |
| 12) Aluminium Sheet Screen | 15) Black Sealing Mastic for Armours |

Example: Three Core Armoured Cable Joint



RHSJ* **X** - ** - *

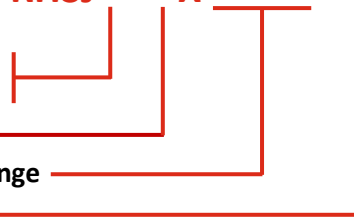
U – Unarmoured Cable

A – Armoured Cable

Rated Voltage

Cable Cross Section Range

Number of Cores



DATA SHEET

RHSJ-X 18/01

7.2kV



Cross Section (mm ²)	Cable Construction	Kit Number Single Core Joint	Kit Number Three Core Joint	*Diameter over insulation (mm)
35-95	No armour	RHSJU 7X 35-95-1	RHSJU 7X 35-95-3	13.5-16.8
	Armoured	RHSJA 7X 35-95-1	RHSJA 7X 35-95-3	
95-185	No armour	RHSJU 7X 95-185-1	RHSJU 7X 95-185-3	16.8-21.3
	Armoured	RHSJA 7X 95-185-1	RHSJA 7X 95-185-3	
185-300	No armour	RHSJU 7X 185-300-1	RHSJU 7X 185-300-3	21.3-25.8
	Armoured	RHSJA 7X 185-300-1	RHSJA 7X 185-300-3	
300 - 630	No armour	RHSJU 7X 300-630-1	RHSJU 7X 300-630-3	25.8-35.8
	Armoured	RHSJA 7X 300-630-1	RHSJA 7X 300-630-3	

12kV



Cross Section (mm ²)	Cable Construction	Kit Number Single Core Joint	Kit Number Three Core Joint	*Diameter over insulation (mm)
35-95	No armour	RHSJU 12X 35-95-1	RHSJU 12X 35-95-3	14.6-18.6
	Armoured	RHSJA 12X 35-95-1	RHSJA 12X 35-95-3	
95-185	No armour	RHSJU 12X 95-185-1	RHSJU 12X 95-185-3	18.6-23.1
	Armoured	RHSJA 12X 95-185-1	RHSJA 12X 95-185-3	
185-300	No armour	RHSJU 12X 185-300-1	RHSJU 12X 185-300-3	23.1-27.6
	Armoured	RHSJA 12X 185-300-1	RHSJA 12X 185-300-3	
300-630	No armour	RHSJU 12X 300-630-1	RHSJU 12X 300-630-3	27.6-37.6
	Armoured	RHSJA 12X 300-630-1	RHSJA 12X 300-630-3	
630-1000	No armour	RHSJU 12X 630-1000-1	RHSJU 12X 630-1000-3	37.6-45.6
	Armoured	RHSJA 12X 630-1000-1	RHSJA 12X 630-1000-3	

17.5kV



Cross Section (mm ²)	Cable Construction	Kit Number Single Core Joint	Kit Number Three Core Joint	*Diameter over insulation (mm)
35-95	No armour	RHSJU 17X 35-95-1	RHSJU 17X 35-95-3	17.7-22.1
	Armoured	RHSJA 17X 35-95-1	RHSJA 17X 35-95-3	
95-185	No armour	RHSJU 17X 95-185-1	RHSJU 17X 95-185-3	22.1-26.5
	Armoured	RHSJA 17X 95-185-1	RHSJA 17X 95-185-3	
185-300	No armour	RHSJU 17X 185-300-1	RHSJU 17X 185-300-3	26.5-31.1
	Armoured	RHSJA 17X 185-300-1	RHSJA 17X 185-300-3	
300-630	No armour	RHSJU 17X 300-630-1	RHSJU 17X 300-630-3	31.1-41.0
	Armoured	RHSJA 17X 300-630-1	RHSJA 17X 300-630-3	
630-1000	No armour	RHSJU 17X 630-1000-1	RHSJU 17X 630-1000-3	41-47.1
	Armoured	RHSJA 17X 630-1000-1	RHSJA 17X 630-1000-3	

24kV



Cross Section (mm ²)	Cable Construction	Kit Number Single Core Joint	Kit Number Three Core Joint	*Diameter over insulation (mm)
35-95	No armour	RHSJU 24X 35-95-1	RHSJU 24X 35-95-3	18-22.8
	Armoured	RHSJA 24X 35-95-1	RHSJA 24X 35-95-3	
95-185	No armour	RHSJU 24X 95-185-1	RHSJU 24X 95-185-3	22.8-27.3
	Armoured	RHSJA 24X 95-185-1	RHSJA 24X 95-185-3	
185-300	No armour	RHSJU 24X 185-300-1	RHSJU 24X 185-300-3	27.3-31.8
	Armoured	RHSJA 24X 185-300-1	RHSJA 24X 185-300-3	
300-630	No armour	RHSJU 24X 300-630-1	RHSJU 24X 300-630-3	31.8-41.8
	Armoured	RHSJA 24X 300-630-1	RHSJA 24X 300-630-3	
630-1000	No armour	RHSJU 24X 630-1000-1	RHSJU 24X 630-1000-3	41.8-49.8
	Armoured	RHSJA 24X 630-1000-1	RHSJA 24X 630-1000-3	

36kV



Cross Section (mm ²)	Cable Construction	Kit Number Single Core Joint	Kit Number Three Core Joint	*Diameter over insulation (mm)
35-95	No armour	RHSJU 36X 35-95-1	RHSJU 36X 35-95-3	24-27.8
	Armoured	RHSJA 36X 35-95-1	RHSJA 36X 35-95-3	
95-185	No armour	RHSJU 36X 95-185-1	RHSJU 36X 95-185-3	27.8-32.3
	Armoured	RHSJA 36X 95-185-1	RHSJA 36X 95-185-3	
185-300	No armour	RHSJU 36X 185-300-1	RHSJU 36X 185-300-3	32.3-36.8
	Armoured	RHSJA 36X 185-300-1	RHSJA 36X 185-300-3	
300-630	No armour	RHSJU 36X 300-630-1	RHSJU 36X 300-630-3	36.8-46.8
	Armoured	RHSJA 36X 300-630-1	RHSJA 36X 300-630-3	
630-1000	No armour	RHSJU 36X 630-1000-1	RHSJU 36X 630-1000-3	46.8-54.8
	Armoured	RHSJA 36X 630-1000-1	RHSJA 36X 630-1000-3	

*The diameter of insulation values are based on typical designs – due to manufacturing tolerances and conductor construction, the range of cables sizes suitable for each kit may change dependent upon actual cable to be terminated.

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