

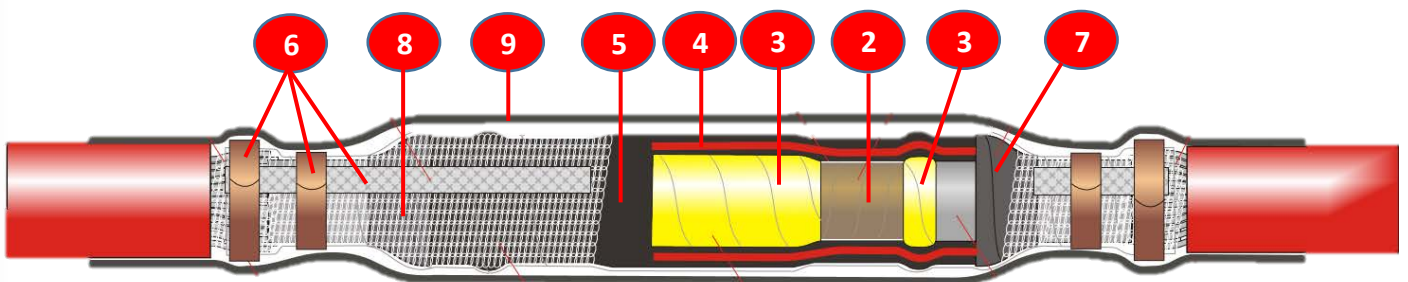
## RHSJ-(7-36)P *for Medium Voltage Paper Insulated Cables (PILC)*

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

### Kit Contents

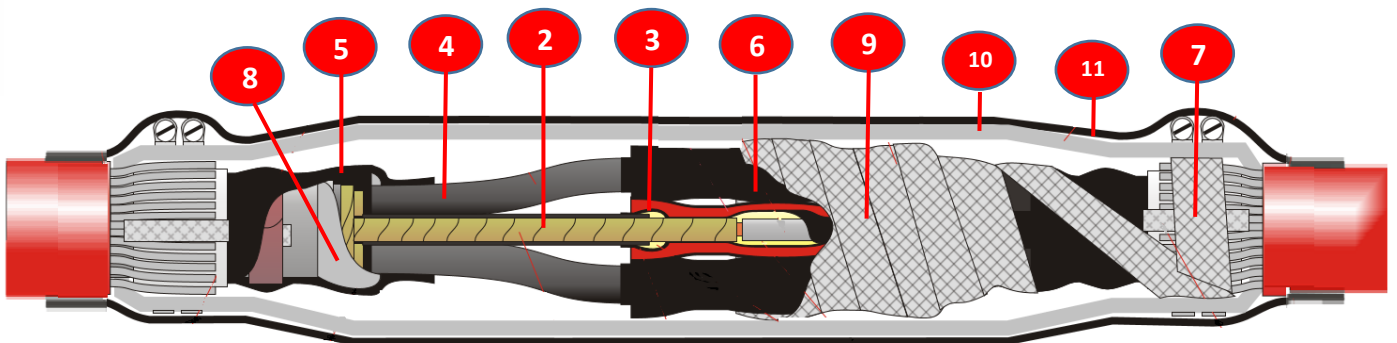
#### Typical kit for a single core armoured lead sheath cable – PILC/AWA

- |   |  |
|---|--|
| 1. Phase Conductor Connector (optional)   | 6. Armour/Screen Connection Braid & Constant Force Springs |
| 2. Heat Shrinkable Oil Barrier Tube   | 7. Black Sealing Mastic                                    |
| 3. Stress Control Mastic  | 8. Tinned Copper Mesh                                      |
| 4. Heat Shrink Stress Control Tube  | 9. Heat Shrinkable Outer Protection Tube(s)                |
| 5. Heat Shrinkable Insulation Tubes (*type & number varies with joint – see note below) | 10. Full Installation Instructions & Cleaning Wipe         |



#### Typical kit for a three core armoured lead sheath cable – PILC/SWA

- |   |  |
|---|--|
| 1. Phase Conductor Connector (optional)   | 7. Armour Connection with Support Ring, Worm Drive Clips & Tinned Copper Braid |
| 2. Heat Shrinkable Oil Barrier Tube   | 8. Sealing Mastic  |
| 3. Stress Control Mastic  | 9. Tinned Copper Mesh  |
| 4. Heat Shrink Conductive Tubing  | 10. Aluminium Cage   |
| 5. Heat Shrink Conductive Breakout  | 11. Heat Shrinkable Outer Protection Tube(s)                                   |
| 6. Heat Shrinkable Insulation Tubes (*type & number varies with joint – see note below) | 12. Full Insulation Instructions & Cleaning Wipe                               |



\*A 12kV Joint is depicted above which has a dual wall insulating/conductive tube above the stress control tube. For 24kV applications a further insulating tube is added between the stress control tube and dual wall tubing. For 36kV applications, two additional insulating tubes are added between the stress control and dual wall tubing.

### Product Code Information:

HSJ\* \*\*P\*\* - \*\* - \*

- U – Unarmoured Cable
- A – Armoured Cable
- Rated Voltage
- Cable Cross Section Range
- Number of Cores



## 7.2kV



Cross Section (mm <sup>2</sup> )	Cable Construction	Kit Number Single Core Joint	Kit Number Three Core Joint	Diameter over insulation (mm)
35 - 95	No armour	RHSJU 7P 35-95-1	RHSJU 7P 35-95-3	13.5 - 17.6
	Armoured	RHSJA 7P 35-95-1	RHSJA 7P 35-95-3	
95 - 240	No armour	RHSJU 7P 95-240-1	RHSJU 7P 95-240-3	17.6 - 24.4
	Armoured	RHSJA 7P 95-240-1	RHSJA 7P 95-240-3	
185 - 400	No armour	RHSJU 7P 185-400-1	RHSJU 7P 185-400-3	22.1 - 29.7
	Armoured	RHSJA 7P 185-400-1	RHSJA 7P 185-400-3	
400 - 630	No armour	RHSJU 7P 400-630-1	-	29.7 - 35.8
	Armoured	RHSJA 7P 400-630-1	-	

## 12kV



Cross Section (mm <sup>2</sup> )	Cable Construction	Kit Number Single Core Joint	Kit Number Three Core Joint	Diameter over insulation (mm)
35 - 95	No armour	RHSJU 12P 35-95-1	RHSJU 12P 35-95-3	14.6 - 20.5
	Armoured	RHSJA 12P 35-95-1	RHSJA 12P 35-95-3	
95 - 240	No armour	RHSJU 12P 95-240-1	RHSJU 12P 95-240-3	20.5 - 27.3
	Armoured	RHSJA 12P 95-240-1	RHSJA 12P 95-240-3	
185 - 400	No armour	RHSJU 12P 185-400-1	RHSJU 12P 185-400-3	25.1 - 32.3
	Armoured	RHSJA 12P 185-400-1	RHSJA 12P 185-400-3	
400 - 630	No armour	RHSJU 12P 400-630-1	RHSJU 12P 300-630-3	32.3 - 38.6
	Armoured	RHSJA 12P 400-630-1	RHSJA 12P 300-630-3	
800 - 1000	No armour	RHSJU 12P 800-1000-1	-	37.9 - 41.9
	Armoured	RHSJA 12P 800-1000-1	-	

## 17.5kV



Cross Section (mm <sup>2</sup> )	Cable Construction	Kit Number Single Core Joint	Kit Number Three Core Joint	Diameter over insulation (mm)
35 - 95	No armour	RHSJU 17P 35-95-1	RHSJU 17P 35-95-3	17.7 - 21.4
	Armoured	RHSJA 17P 35-95-1	RHSJA 17P 35-95-3	
95 - 240	No armour	RHSJU 17P 95-240-1	RHSJU 17P 95-240-3	21.4 - 28.2
	Armoured	RHSJA 17P 95-240-1	RHSJA 17P 95-240-3	
185 - 400	No armour	RHSJU 17P 185-400-1	RHSJU 17P 185-400-3	25.9 - 33.5
	Armoured	RHSJA 17P 185-400-1	RHSJA 17P 185-400-3	
400 - 630	No armour	RHSJU 17P 400-630-1	-	33.5 - 39.6
	Armoured	RHSJA 17P 400-630-1	-	
800 - 1000	No armour	RHSJU 17P 800-1000-1	-	43.4 - 47.4
	Armoured	RHSJA 17P 800-1000-1	-	

## 24kV



Cross Section (mm <sup>2</sup> )	Cable Construction	Kit Number Single Core Joint	Kit Number Three Core Joint	Diameter over insulation (mm)
35 - 95	No armour	RHSJU 24P 35-95-1	RHSJU 24P 35-95-3	18.0 - 25.1
	Armoured	RHSJA 24P 35-95-1	RHSJA 24P 35-95-3	
95 - 240	No armour	RHSJU 24P 95-240-1	RHSJU 24P 95-240-3	25.1 - 34.2
	Armoured	RHSJA 24P 95-240-1	RHSJA 24P 95-240-3	
185 - 400	No armour	RHSJU 24P 185-400-1	RHSJU 24P 185-400-3	31.9 - 39.8
	Armoured	RHSJA 24P 185-400-1	RHSJA 24P 185-400-3	
300 - 630	No armour	RHSJU 24P 300-630-1	-	36.9 - 45.8
	Armoured	RHSJA 24P 300-630-1	-	
800 - 1000	No armour	RHSJU 24P 800-1000-1	-	50.0 - 54.1
	Armoured	RHSJA 24P 800-1000-1	-	

## 36kV



Cross Section (mm <sup>2</sup> )	Cable Construction	Kit Number Single Core Joint	Kit Number Three Core Joint	Diameter over insulation (mm)
35 - 95	No armour	RHSJU 36P 35-95-1	RHSJU 36P 35-95-3	24.0 - 28.6
	Armoured	RHSJA 36P 35-95-1	RHSJA 36P 35-95-3	
95 - 240	No armour	RHSJU 36P 95-240-1	RHSJU 36P 95-240-3	28.6 - 35.4
	Armoured	RHSJA 36P 95-240-1	RHSJA 36P 95-240-3	
185 - 400	No armour	RHSJU 36P 185-400-1	RHSJU 36P 185-400-3	33.1 - 40.7
	Armoured	RHSJA 36P 185-400-1	RHSJA 36P 185-400-3	
300 - 630	No armour	RHSJU 36P 300-630-1	-	37.6 - 46.8
	Armoured	RHSJA 36P 300-630-1	-	
800 - 1000	No armour	RHSJU 36P 800-1000-1	-	46.8 - 54.6
	Armoured	RHSJA 36P 800-1000-1	-	

**For Joints of dissimilar cross sections not covered in chart above, please consult REPL**

REPL reserve the right to update the information contained in this document at any time without notice. It is the users responsibility to ensure it is suitable for the intended application. Any implied warranty relating to fitness for a particular purpose are explicitly excluded unless agreed in writing by REPL.  
©REPL 2023

