

SHSS - ShrinkSet

Raychem ShrinkSet Universal Jointing System for 12 kV 3-core Polymeric and Paper Cables

FEATURES

- Pre-engineered range taking heat-shrinkable tubings incorporating precisely engineered impedance stress control
- Shrinkset joints are supplied complete with mechanical phase and screen connectors suitable for a wide range of conductor sizes with no limitations on shelf life
- Joints exclude resin and are suitable for use with standard polyurethane resin

APPLICATION

- Suitable for polymeric and paper cables, armoured and unarmoured

CONFORMS TO

- Electricity Association specification ER C90

Raychem ShrinkSet universal jointing system for 12 kV 3-core polymeric and paper cables



Product name	Conductor size (mm ²)	Resin volumes	Part number
Straight joints			
SHSS 12A IND	70 – 185	14	799501-000
SHSS 12B IND	185 – 300	28	839121-000
Trifurcating 3-core to three single cores 3-core XLPE SWA to 3 x Single core Poly, CWS - unarmoured			
SMOE 63180	95 – 185	26	E07331-000
SMOE 63181	185 – 300	26	288978-000
3-core PILC/PICAS SWA to 3 x Single core Poly,CWS - unarmoured			
SMOE 63410*	70 – 185	14	F88630-000
SMOE 63411*	185 – 300	26	D48501-000
Branch joint			
SMOE 61987	95 – 185	36	936473-000
SMOE 61988	185 – 300	48	581469-000
Loop Joint*			
SMOE 63749	95 – 185	27	CM8097-000
SMOE 63750	185 – 300	38	CM8112-000
Pot End			
SMOE 62668	95 – 300	14	515507-000

NOTE

A range of build up kits are available to cover smaller cross sections used in larger pattern joints, please contact technical services for details.

CSJT

Raychem Medium Voltage Cold Applied Cable Joints for 3-Core Cables with Resin Encapsulation to 24 kV

FEATURES

- High impact plastic shell suitable for polyurethane resin
- Pre-expanded, single piece silicone rubber joint body with high mechanical expansion capability allows a wide application range
- Electrical stress control of the screen cut area by integrated conductive geometrical stress cones
- Electrical stress control of the connector area by an integrated screened connection area (Faraday cage)

APPLICATION

- Suitable for polymeric non-armoured cables
- Fast and easily filled resin outer sealing and protection system providing effective impact resistance
- Hard-elastic polyurethane-type encapsulation with excellent insulation properties, hydrolytic stability and hydrophobic characteristics

CONFORMS TO

- CENELEC and IEC standards

Raychem medium voltage cold applied cable joints for 3-core cables with resin encapsulation to 24 kV



Product name	Conductor size (mm ²)	Part number
12 kV		
CSJT-12B/3XU-3XU-H	95 – 240	CM2160-000
CSJT-12C/3XU-3XU-H	185 – 300	ON REQUEST
24 kV		
CSJT-24B/3XU-3XU-H	35 – 185	CM2162-011
CSJT-24C/3XU-3XU-H	95 – 300	ON REQUEST

NOTE

Joints exclude connectors and resin
Other sizes/ voltages available on request

CATJ

Raychem Medium Voltage Cold-Applied Transition Joints for 3 Core Paper to Polymeric Cables up to 36 kV

FEATURES

- High impact plastic shell suitable for polyurethane resin
- Novel crutch filling and core sealing materials providing high-quality oil-blocking properties
- Single piece silicone rubber joint body with high mechanical expansion capability allows a wide application range
- Electrical stress control of the screen cut area by integrated conductive geometrical stress cones
- Electrical stress control of the connector area by an integrated screened connection area (Faraday cage)
- Short parking distance required
- Easy-to-install joint system with short installation time

APPLICATION

- Suitable for polymeric Wire Armoured (SWA) cables

CONFORMS TO

- CENELEC and IEC standards

Raychem medium voltage cold applied transition joints, resin filled up to 36 kV



Product name	Conductor size (mm ²)	Part number
3-core MIND paper to single core polymeric		
12 kV		
CATJ-12C/1XU-3SB	95 – 240	ON REQUEST
CATJ-12B/1XU-3SB	185 – 300	ON REQUEST
24 kV		
CATJ-24C/1XU-3SB	95 – 240	ON REQUEST
36 kV		
CATJ-36D/1XU-3SB	95 – 240	ON REQUEST
3-core MIND paper to three core polymeric		
24 kV		
CATJ-12C/3XU-3SB	95 – 240	ON REQUEST
CATJ-12B/3XU-3SB	185 – 300	ON REQUEST
36 kV		
CATJ-24C/3XU-3SB	95 – 240	ON REQUEST
36 kV		
CATJ-36D/3XU-3SB	95 – 240	ON REQUEST
MXAW-5151	500	CN6574-011
MXAW-5161	630	CN6572-011
36 kV		
SXAW-6122	50 – 95	CA5972-011
SXAW-6132	120 – 240	151361-011
SXAW-6142	300 – 630	814905-011
MXAW-6131	150 – 300	CV2754-011