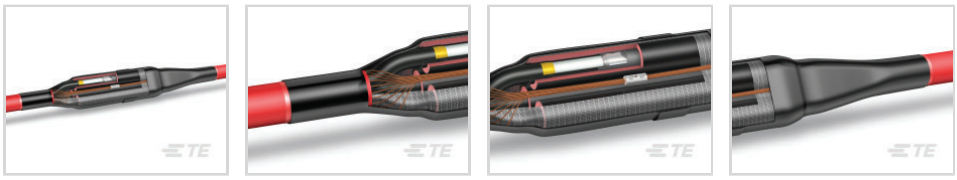
MXSU MV INLINE JOINTS 3-CORE

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Energy & Power > Power Cable Accessories > Joints & Splices



Joints & Splice Technology: **Heat Shrink**

Joint & Splice Application Type: **Inline**

Joints & Splice Product Type: **Medium Voltage Inline Joint**

Number of Cores: **3**

Insulation: **Plastic (XLPE)**

Features

Product Type Features

Joints & Splice Technology	Heat Shrink
Joints & Splice Product Type	Medium Voltage Inline Joint
Insulation	Plastic (XLPE)
Cable Shield Style	Wire
Mechanical Connectors Included	Yes
Product Family	MXSU

Configuration Features

Number of Cores	3

Electrical Characteristics

Joints & Splice Voltage Class (kV)	≤ 12, ≤ 17.5, ≤ 24

Body Features

Outer Insulation	Tube

Dimensions

Cross-Section Range (mm²)	25 - 95, 50 - 150, 50 - 95, 70 - 150, 95 - 240, 120 - 240, 150 - 300
Cross-Section Range (AWG/kcmil)	1/0 - 4/0
Joints & Splice Insulation Diameter (mm)	13.2 - 21.8, 17.5 - 24, 17.6 - 24.3, 17.9 - 26, 18.5 - 29.4, 20.2 - 29.5, 21.6 - 31.4, 22.5 - 31.6, 23 - 33.6, 23.5 - 33.6, 25 - 35.5
Joints & Splice Insulation Diameter (in)	.519 - .858, .69 - .944, .692 - .956, .704 -

	1.023, .72 - 1.15, .79 - 1.16, .85 - 1.23, .87 - 1.26, .905 - 1.322, .925 - 1.322, .984 - 1.39
Cable Cross-Section (Max) (Main) (mm²)	95, 150, 240, 300
Cable Cross-Section (Min) (Main) (mm²)	25, 50, 70, 95, 120, 150
Joints & Splice Conductor Diameter (mm)	5.2 - 12, 7.2 - 12, 7.2 - 15, 8.7 - 15, 10.3 - 19.2, 11 - 19.2, 12.9 - 21.6
Joints & Splice Conductor Diameter (in)	.204 - .472, .283 - .472, .283 - .59, .342 - .59, .4 - .75, .433 - .755, .507 - .85
Sheath Outside Diameter (mm)	40 - 61, 45 - 68, 48 - 72, 50 - 62, 53 - 77, 55 - 80, 59 - 79, 59 - 85, 61 - 90, 62 - 89, 70 - 96
Sheath Outside Diameter (in)	1.575 - 2.402, 1.77 - 2.67, 1.88 - 2.83, 1.968 - 2.44, 2.08 - 3.03, 2.16 - 3.14, 2.32 - 3.34, 2.322 - 3.11, 2.401 - 3.543, 2.44 - 3.5, 2.75 - 3.77

Operation/Application

Joint & Splice Application Type	Inline

Industry Standards

Standards	HD CENELEC 629.1, IEC 60502-4

Product Availability

Joints & Splice Product Availability	AMERICAS, ANZPAC, ASIA, China, EMEA

Packaging Features

Packaging Quantity	1

Other

Installation Instruction	English, German

Reference Number

TE Internal Number	CAT-MXSU-INL-3C

SEE PRODUCTS ON NEXT PAGE

Products (3 of 4)

				
	MXSU-5311	MXSU-4331	MXSU-3331	MXSU-3331
TE Part #	613835-011	631977-011	857741-005	857741-011
Joints & Splice Product Availability	AMERICAS, ANZPAC, ASIA, China, EMEA	AMERICAS, ANZPAC, ASIA, China, EMEA	EMEA	AMERICAS, ANZPAC, ASIA, China, EMEA
Installation Instruction	English	English	German	English
Joints & Splice Voltage Class	≤ 24 kV	≤ 17.5 kV	≤ 12 kV	≤ 12 kV
Cross-Section Range	25 - 95 mm²	120 - 240 mm²	95 - 240 mm²	95 - 240 mm²
Joints & Splice Insulation Diameter	17.9 - 26 mm	22.5 - 31.6 mm	18.5 - 29.4 mm	18.5 - 29.4 mm
Cable Cross-Section (Max) (Main)	95 mm²	240 mm²	240 mm²	240 mm²
Cable Cross-Section (Min) (Main)	25 mm²	120 mm²	95 mm²	95 mm²
Joints & Splice Conductor Diameter	5.2 - 12 mm	11 - 19.2 mm	10.3 - 19.2 mm	10.3 - 19.2 mm
Sheath Outside Diameter	48 - 72 mm	59 - 79 mm	53 - 77 mm	53 - 77 mm
EU RoHS Directive 2011/65 /EU	EU RoHS Compliant	EU RoHS Compliant	EU RoHS Compliant	EU RoHS Compliant
EU ELV Directive 2000/53/EC	EU ELV Compliant	EU ELV Compliant	EU ELV Compliant	EU ELV Compliant
Product Families	Raychem	Raychem	Raychem	Raychem
Series	Raychem MXSU	Raychem MXSU	Raychem MXSU	Raychem MXSU

***EU RoHS Directive 2011/65/EU**

These products comply with the substance restrictions of the Restriction on Hazardous Substances Directive 2011/65/EU (RoHS2). The RoHS2 Directive requires that certain electrical and electronic equipment products do not contain mercury, cadmium, hexavalent chromium, PBB, PBDE, lead, DEHP, BBP, DBP and DIBP above defined thresholds. Products indicated as 'Compliant' do not contain any of these substances above the prohibition thresholds. Finished electrical and electronic equipment products will be CE marked as required by the Directive. Components may not be CE marked.

****EU ELV Directive 2000/53/EC**

These products comply with the substance restrictions of the End of Life Vehicles Directive 2000/53/EC (ELV). The ELV Directive requires that materials and components of vehicles do not contain mercury, cadmium, hexavalent chromium, and lead above defined thresholds. Products indicated as 'Compliant' do not contain any of these substances above the prohibition thresholds.