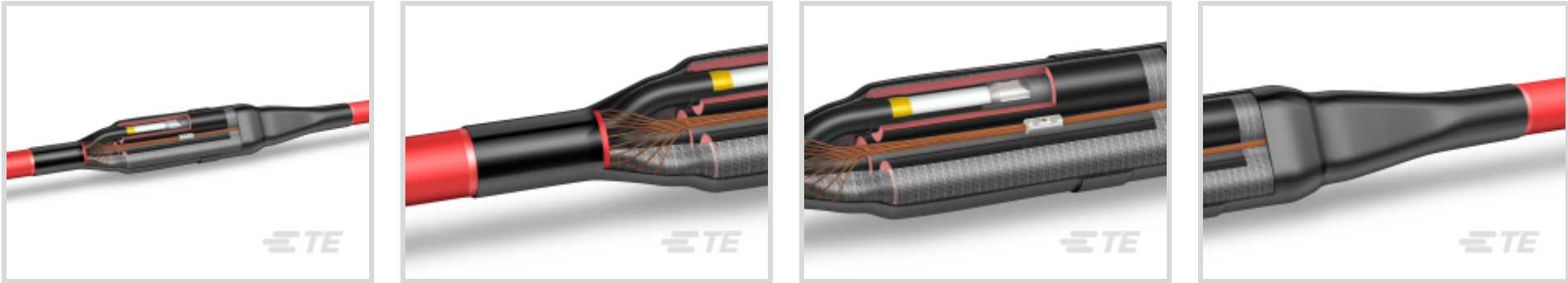


MXSU MV INLINE JOINTS 3-CORE



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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
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Electrical Characteristics

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

Outer Insulation	Tube
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Dimensions

Cross-Section Range (mm ²)	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
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Industry Standards

Standards	HD CENELEC 629.1, IEC 60502-4
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Product Availability

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

Packaging Quantity	1
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Other

Installation Instruction	English, German
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Reference Number

TE Internal Number	CAT-MXSU-INL-3C
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SEE PRODUCTS ON NEXT PAGE



Products (1 of 4)



MXSU-5311



MXSU-3311



MXSU-4311



MXSU-4332

TE Part #	613835-005	016333-011	368951-000	412310-011
Joints & Splice Product Availability	EMEA	AMERICAS, ANZPAC, ASIA, China, EMEA	AMERICAS, ANZPAC, ASIA, China, EMEA	AMERICAS, ANZPAC, ASIA, China, EMEA
Installation Instruction	German	English	English	English
Joints & Splice Voltage Class	≤ 24 kV	≤ 12 kV	≤ 17.5 kV	≤ 17.5 kV
Cross-Section Range	25 - 95 mm²	25 - 95 mm²	50 - 95 mm²	150 - 300 mm²
Joints & Splice Insulation Diameter	17.9 - 26 mm	13.2 - 21.8 mm	17.5 - 24 mm	23.5 - 33.6 mm
Cable Cross-Section (Max) (Main)	95 mm²	95 mm²	95 mm²	300 mm²
Cable Cross-Section (Min) (Main)	25 mm²	25 mm²	50 mm²	150 mm²
Joints & Splice Conductor Diameter	5.2 - 12 mm	5.2 - 12 mm	7.2 - 12 mm	12.9 - 21.6 mm
Sheath Outside Diameter	48 - 72 mm	40 - 61 mm	50 - 62 mm	61 - 90 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.



Products (2 of 4)



	MXSU-3332	MXSU-3332	MXSU-5331	MXSU-5331
TE Part #	427492-005	427492-011	448433-005	448433-011
Joints & Splice Product Availability	EMEA	AMERICAS, ANZPAC, ASIA, China, EMEA	EMEA	AMERICAS, ANZPAC, ASIA, China, EMEA
Installation Instruction	German	English	German	English
Joints & Splice Voltage Class	≤ 12 kV	≤ 12 kV	≤ 24 kV	≤ 24 kV
Cross-Section Range	150 - 300 mm²	150 - 300 mm²	95 - 240 mm²	95 - 240 mm²
Joints & Splice Insulation Diameter	21.6 - 31.4 mm	21.6 - 31.4 mm	23 - 33.6 mm	23 - 33.6 mm
Cable Cross-Section (Max) (Main)	300 mm²	300 mm²	240 mm²	240 mm²
Cable Cross-Section (Min) (Main)	150 mm²	150 mm²	95 mm²	95 mm²
Joints & Splice Conductor Diameter	12.9 - 21.6 mm	12.9 - 21.6 mm	10.3 - 19.2 mm	10.3 - 19.2 mm
Sheath Outside Diameter	59 - 85 mm	59 - 85 mm	62 - 89 mm	62 - 89 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

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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

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Products (4 of 4)



MXSU-5332



MXSU-3321



MXSU-3321



MXSU-5321

TE Part #	861632-011	CA6986-005	CA6986-011	CA7003-005
Joints & Splice Product Availability	AMERICAS, ANZPAC, ASIA, China, EMEA	EMEA	AMERICAS, ANZPAC, ASIA, China, EMEA	AMERICAS, ANZPAC, ASIA, China, EMEA
Installation Instruction	English	German	English	German
Joints & Splice Voltage Class	≤ 24 kV	≤ 12 kV	≤ 12 kV	≤ 24 kV
Cross-Section Range	150 - 300 mm ²	70 - 150 mm ²	70 - 150 mm ²	50 - 150 mm ²
Joints & Splice Insulation Diameter	25 - 35.5 mm	17.6 - 24.3 mm	17.6 - 24.3 mm	20.2 - 29.5 mm
Cable Cross-Section (Max) (Main)	300 mm ²	150 mm ²	150 mm ²	150 mm ²
Cable Cross-Section (Min) (Main)	150 mm ²	70 mm ²	70 mm ²	50 mm ²
Joints & Splice Conductor Diameter	12.9 - 21.6 mm	8.7 - 15 mm	8.7 - 15 mm	7.2 - 15 mm
Sheath Outside Diameter	70 - 96 mm	45 - 68 mm	45 - 68 mm	55 - 80 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

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Related Materials

Catalog Section

ENERGY-ACCESSORIES-RAYCHEM-TE

English