

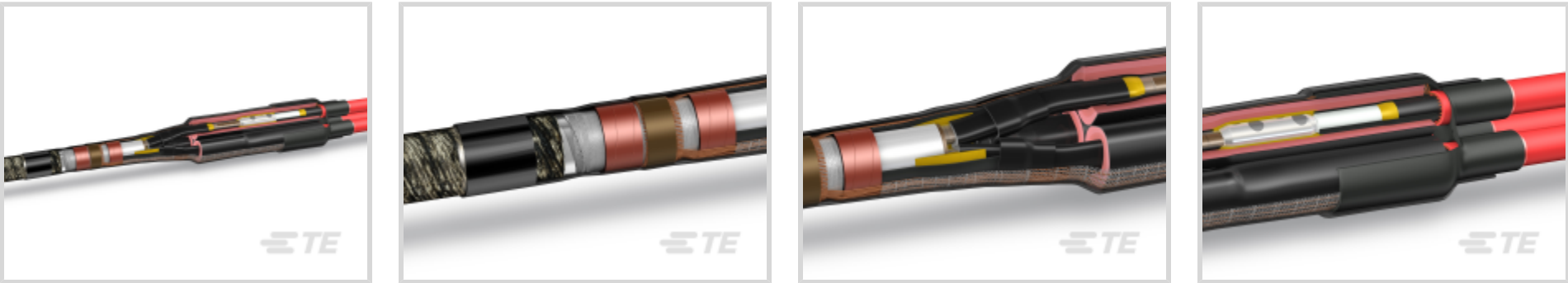
MXSU MV TRANSITION JOINTS



TE Model # CAT-MXSU-TRANS
TE Internal #: CAT-MXSU-TRANS

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Power Systems > Power Cable Accessories > Joints & Splices



Technology: **Heat Shrink**
Application Type: **Transition**
Product Type: **Medium Voltage Transition Joint**
Number of Cores: **1, 3**
Insulation: **Paper (PILC), Plastic (XLPE)**

Features

Product Type Features

Technology	Heat Shrink
Product Type	Medium Voltage Transition Joint
Insulation	Paper (PILC), Plastic (XLPE)
Cable Shield Style	Wire Copper
Mechanical Connectors Included	Yes

Configuration Features

Number of Cores	1, 3
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Electrical Characteristics

Voltage Class (kV)	≤ 12, ≤ 24
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Body Features

Outer Insulation	Tube
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Housing Features

Armoring	Wire Steel
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Dimensions

Cross-Section Range (mm²)	25 - 70, 25 - 95, 50 - 150, 70 - 120, 70 - 150, 95 - 185, 95 - 240, 150 - 240, 150 - 300, 240 - 300, 240 - 400
Insulation Diameter (mm)	12.6 - 17.2, 13.2 - 21.8, 16 - 20.4, 17 - 21.9,

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	17.6 - 24.5, 17.6 - 26, 17.6 - 29.4, 17.9 - 23.7, 18.5 - 26.5, 19.5 - 28.5, 20 - 26.1, 21.6 - 31.4, 22.5 - 28.5, 22.5 - 33, 24.7 - 28.6, 25 - 34.6, 25.4 - 31.7, 29.4 - 33.1, 29.4 - 38.8
Conductor Diameter (mm)	5.6 - 12, 7.7 - 15, 9.3 - 15, 11 - 19.2, 13.9 - 21.6, 17.8 - 24.6
Sheath Outside Diameter (mm)	23 - 32, 24 - 38, 26 - 37, 26 - 41, 27 - 41, 29 - 43, 31 - 44, 33 - 46, 33 - 47, 36 - 46, 38 - 50, 41 - 53, 48 - 60, 49 - 58, 49 - 62, 52 - 64, 55 - 70, 58 - 72, 60 - 75, 70 - 84

Operation/Application

Application Type	Transition
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Industry Standards

Standards	HD CENELEC 629.2
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Product Availability

Product Availability	AMERICAS, ANZPAC, ASIA, China, EMEA
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Other

Installation Instruction	English, German
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SEE PRODUCTS ON NEXT PAGE

MXSU MV TRANSITION JOINTS

TE Model # CAT-MXSU-TRANS
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Products (1 of 5)



MXSU-24A/1XU-3SB



MXSU-24C/1XU-3SB



MXSU-24C/1XU-3SB



MXSU-24A/1XU-3SB

TE Model / Part #	A02719-005	469872-005	469872-011	A02719-011
Product Availability	EMEA	EMEA	AMERICAS, ANZPAC, ASIA, China, EMEA	AMERICAS, ANZPAC, ASIA, China, EMEA
Installation Instruction	German	German	English	English
Voltage Class	≤ 24 kV	≤ 24 kV	≤ 24 kV	≤ 24 kV
Cross-Section Range	25 - 70 mm², 25 - 95 mm²	95 - 185 mm², 95 - 240 mm²	95 - 185 mm², 95 - 240 mm²	25 - 70 mm², 25 - 95 mm²
Insulation Diameter	17 - 21.9 mm, 17.6 - 26 mm	22.5 - 28.5 mm, 22.5 - 33 mm	22.5 - 28.5 mm, 22.5 - 33 mm	17 - 21.9 mm, 17.6 - 26 mm
Conductor Diameter	5.6 - 12 mm	11 - 19.2 mm	11 - 19.2 mm	5.6 - 12 mm
Sheath Outside Diameter	24 - 38 mm, 48 - 60 mm	31 - 44 mm, 55 - 70 mm	31 - 44 mm, 55 - 70 mm	24 - 38 mm, 48 - 60 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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MXSU MV TRANSITION JOINTS

TE Model # CAT-MXSU-TRANS
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Products (2 of 5)



MXSU-12B/1XU-3SB



MXSU-12B/1XU-3SB



MXSU-12C/1XU-3SB



MXSU-12C/1XU-3SB

TE Model / Part #	A52542-005	A52542-011	A65373-005	A65373-011
Product Availability	EMEA	AMERICAS, ANZPAC, ASIA, China, EMEA	EMEA	AMERICAS, ANZPAC, ASIA, China, EMEA
Installation Instruction	German	English	German	English
Voltage Class	≤ 12 kV	≤ 12 kV	≤ 12 kV	≤ 12 kV
Cross-Section Range	70 - 120 mm², 70 - 150 mm²	70 - 120 mm², 70 - 150 mm²	95 - 185 mm², 95 - 240 mm²	95 - 185 mm², 95 - 240 mm²
Insulation Diameter	16 - 20.4 mm, 17.6 - 24.5 mm	16 - 20.4 mm, 17.6 - 24.5 mm	17.6 - 29.4 mm, 17.9 - 23.7 mm	17.6 - 29.4 mm, 17.9 - 23.7 mm
Conductor Diameter	9.3 - 15 mm	9.3 - 15 mm	11 - 19.2 mm	11 - 19.2 mm
Sheath Outside Diameter	26 - 37 mm, 41 - 53 mm	26 - 37 mm, 41 - 53 mm	26 - 41 mm, 49 - 58 mm	26 - 41 mm, 49 - 58 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

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MXSU MV TRANSITION JOINTS

TE Model # CAT-MXSU-TRANS
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Products (3 of 5)



MXSU-24B/1XU-3SB



MXSU-24B/1XU-3SB



MXSU-24E/1XU-3SB



MXSU-24E/1XU-3SB

TE Model / Part #	A95691-005	A95691-011	CJ1958-005	CJ1958-011
Product Availability	EMEA	AMERICAS, ANZPAC, ASIA, China, EMEA	EMEA	AMERICAS, ANZPAC, ASIA, China, EMEA
Installation Instruction	German	English	German	English
Voltage Class	≤ 24 kV	≤ 24 kV	≤ 24 kV	≤ 24 kV
Cross-Section Range	50 - 150 mm², 70 - 120 mm²	50 - 150 mm², 70 - 120 mm²	240 - 300 mm², 240 - 400 mm²	240 - 300 mm², 240 - 400 mm²
Insulation Diameter	18.5 - 26.5 mm, 19.5 - 28.5 mm	18.5 - 26.5 mm, 19.5 - 28.5 mm	29.4 - 33.1 mm, 29.4 - 38.8 mm	29.4 - 33.1 mm, 29.4 - 38.8 mm
Conductor Diameter	7.7 - 15 mm	7.7 - 15 mm	17.8 - 24.6 mm	17.8 - 24.6 mm
Sheath Outside Diameter	27 - 41 mm, 49 - 62 mm	27 - 41 mm, 49 - 62 mm	38 - 50 mm, 70 - 84 mm	38 - 50 mm, 70 - 84 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

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MXSU MV TRANSITION JOINTS

TE Model # CAT-MXSU-TRANS
TE Internal #: CAT-MXSU-TRANS



Products (4 of 5)



MXSU-12E/1XU-3SB



MXSU-12E/1XU-3SB



MXSU-24D/1XU-3SB



MXSU-24D/1XU-3SB

TE Model / Part #	CJ1959-005	CJ1959-011	D44225-005	D44225-011
Product Availability	EMEA	AMERICAS, ANZPAC, ASIA, China, EMEA	EMEA	AMERICAS, ANZPAC, ASIA, China, EMEA
Installation Instruction	German	English	German	English
Voltage Class	≤ 12 kV	≤ 12 kV	≤ 24 kV	≤ 24 kV
Cross-Section Range	240 - 300 mm², 240 - 400 mm²	240 - 300 mm², 240 - 400 mm²	150 - 240 mm², 150 - 300 mm²	150 - 240 mm², 150 - 300 mm²
Insulation Diameter	24.7 - 28.6 mm, 25 - 34.6 mm	24.7 - 28.6 mm, 25 - 34.6 mm	25 - 34.6 mm, 25.4 - 31.7 mm	25 - 34.6 mm, 25.4 - 31.7 mm
Conductor Diameter	17.8 - 24.6 mm	17.8 - 24.6 mm	13.9 - 21.6 mm	13.9 - 21.6 mm
Sheath Outside Diameter	33 - 47 mm, 58 - 72 mm	33 - 47 mm, 58 - 72 mm	33 - 46 mm, 60 - 75 mm	33 - 46 mm, 60 - 75 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

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Products (5 of 5)



MXSU-12A/1XU-3SB



MXSU-12A/1XU-3SB



MXSU-12D/1XU-3SB



MXSU-12D/1XU-3SB

TE Model / Part #	D57525-005	D57525-011	F01045-005	F01045-011
Product Availability	EMEA	AMERICAS, ANZPAC, ASIA, China, EMEA	EMEA	AMERICAS, ANZPAC, ASIA, China, EMEA
Installation Instruction	German	English	German	English
Voltage Class	≤ 12 kV	≤ 12 kV	≤ 12 kV	≤ 12 kV
Cross-Section Range	25 - 70 mm², 25 - 95 mm²	25 - 70 mm², 25 - 95 mm²	150 - 240 mm², 150 - 300 mm²	150 - 240 mm², 150 - 300 mm²
Insulation Diameter	12.6 - 17.2 mm, 13.2 - 21.8 mm	12.6 - 17.2 mm, 13.2 - 21.8 mm	20 - 26.1 mm, 21.6 - 31.4 mm	20 - 26.1 mm, 21.6 - 31.4 mm
Conductor Diameter	5.6 - 12 mm	5.6 - 12 mm	13.9 - 21.6 mm	13.9 - 21.6 mm
Sheath Outside Diameter	23 - 32 mm, 36 - 46 mm	23 - 32 mm, 36 - 46 mm	29 - 43 mm, 52 - 64 mm	29 - 43 mm, 52 - 64 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

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Related Materials

Catalog Section

ENERGY-ACCESSORIES-RAYCHEM-TE

English