

TE'S RAYCHEM DUAL RANGE JOINTING SYSTEM MXSU-TX

UP TO 36 kV WITH MECHANICAL CONNECTORS

KEY FEATURES

- All-inclusive kit for extreme size transitions
- Based on elastomeric triple layer joint sleeves
- Short and slim design
- Requires no crimping tool
- Including mechanical connector
- Standard MXSU design
- Meets CENELEC HD 629

TE Connectivity (TE) Raychem MXSU jointing system offers a comprehensive range of joints for all cable types. TE's Raychem MXSU-Tx is based on a joint design using mechanical connectors for conductor and wire shield.

The MXSU-Tx jointing system is tailored for connections of large differences of cross-sections and conductor constructions, e.g. 25 to 240 mm², Cu/rm to Al/re. Further, the kits are widely range taking and cover most conductor constructions including their tolerances.

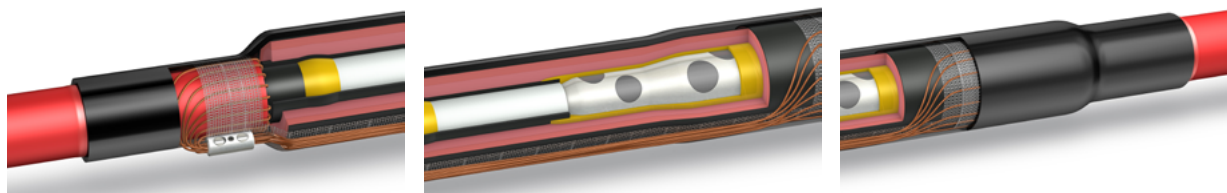
The kits are delivered with mechanical connectors. It is due to these mechanical shearbolt connectors that the joints are easy to install, no crimping tool is needed when connecting the cables, no tool maintenance required.

TE's MXSU-Tx are short joints of a space saving design, an essential characteristic when space is limited.

Reliability and performance are essential when it comes to customer demands and the MXSU-Tx exceed international performance standards including CENELEC HD 629 or IEC 60502-4 for joints.

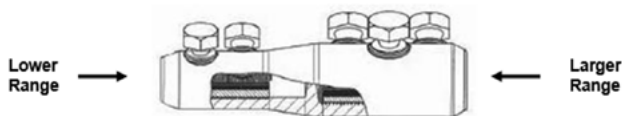
Customers can count on consistent, high quality products, driven by TE's proven innovation and backed by our extraordinary customer support.

TE's Raychem Dual Range Jointing System MXSU-Tx



PRODUCT SELECTION INFORMATION		
Kit Number	Cross Section Range [mm ²]	
	12 kV	17.5 kV
MXSU-3131-T2	25/95 - 95/240	-
MXSU-3141-T4	195/240 - 185/400	-
MXSU-3151-T6	185/400 - 500	-
MXSU-3161-T6	185/400 - 630	-
MXSU-3161-T7	500 - 630	-
MXSU-4131-T2	-	50/95 - 95/240
MXSU-4141-T4	-	95/240 - 240/400
MXSU-4151-T6	-	185/400 - 500
MXSU-4161-T6	-	185/400 - 630
MXSU-4161-T7	-	500 - 630

PRODUCT SELECTION INFORMATION		
Kit Number	Cross Section Range [mm ²]	
	24 kV	36 kV
MXSU-5131-T2	25/95 - 95/240	-
MXSU-5141-T4	95/240 - 240/400	-
MXSU-5151-T6	185/400 - 500	-
MXSU-5161-T6	185/400 - 630	-
MXSU-5161-T7	500 - 630	-
MXSU-5171-T8	630 - 800	-
MXSU-5181-T8	630 - 1000	-
MXSU-6141-T4	-	95/240 - 240/400
MXSU-6151-T6	-	185/400 - 500
MXSU-6161-T6	-	185/400 - 630
MXSU-6161-T7	-	500 - 630
MXSU-6171-T8	-	630 - 800
MXSU-6181-T8	-	630 - 1000



PRODUCT SELECTION INFORMATION: DIMENSIONS IN MM					Min. Diameter Cable Oversheath
Kit Number	Lower range		Larger range		
	Diameter Conductor	Diameter over Core insulation	Diameter Conductor	Diameter over Core insulation	
MXSU-3131-T2	5.2 - 12.0	13.2 - 21.8	10.3 - 19.2	17.6 - 29.4	23
MXSU-3141-T4	10.3 - 19.2	17.6 - 29.4	15.5 - 24.6	23.2 - 32.6	26
MXSU-3151-T6	15.5 - 24.6	23.2 - 32.6	25.5 - 27.6	33.8 - 37.2	33
MXSU-3161-T6	15.5 - 24.6	23.2 - 32.6	29.0 - 32.5	37.5 - 40.0	33
MXSU-3161-T7	25.5 - 27.6	33.8 - 37.2	29.0 - 32.5	37.5 - 40.0	44
MXSU-4131-T2	7.7 - 12.0	17.6 - 24.0	10.3 - 19.2	20.7 - 31.6	27
MXSU-4141-T4	10.3 - 19.2	20.7 - 31.6	17.8 - 24.6	28.4 - 36.8	28
MXSU-4151-T6	15.5 - 24.6	25.2 - 36.8	25.5 - 27.6	36.2 - 39.6	35
MXSU-4161-T6	15.5 - 24.6	25.2 - 36.8	29.0 - 32.5	38.7 - 41.9	35
MXSU-4161-T7	25.5 - 27.6	36.2 - 39.6	29.0 - 32.5	38.7 - 41.9	48
MXSU-5131-T2	5.2 - 12.0	17.9 - 26.0	10.3 - 19.2	23.0 - 33.6	25
MXSU-5141-T4	10.3 - 19.2	23.0 - 33.6	17.8 - 24.6	29.9 - 38.8	30
MXSU-5151-T6	15.5 - 24.6	27.4 - 38.8	25.5 - 27.6	37.2 - 41.6	35
MXSU-5161-T6	15.5 - 24.6	27.4 - 38.8	29.0 - 32.5	39.2 - 44.7	35
MXSU-5161-T7	25.5 - 27.6	37.2 - 41.6	29.0 - 32.5	39.2 - 44.7	48
MXSU-5171-T8	29.0 - 32.5	39.2 - 44.7	32.0 - 33.8	44.8 - 46.9	50
MXSU-5181-T8	29.0 - 32.5	39.2 - 44.7	38.5 - 39.2	49.4 - 53.2	50
MXSU-6141-T4	10.3 - 19.2	27.8 - 37.6	17.8 - 24.6	36.2 - 42.8	35
MXSU-6151-T6	15.5 - 24.6	32.4 - 42.8	25.5 - 27.6	40.1 - 46.6	40
MXSU-6161-T6	15.5 - 24.6	32.4 - 42.8	29.0 - 32.5	45.8 - 50.5	40
MXSU-6161-T7	25.5 - 27.6	40.1 - 46.6	29.0 - 32.5	45.8 - 50.5	52
MXSU-6171-T8	29.0 - 32.5	45.8 - 50.5	32.0 - 33.8	50.1 - 53.4	55
MXSU-6181-T8	29.0 - 32.5	45.8 - 50.5	38.5 - 39.2	55.7 - 58.8	55

FOR MORE INFORMATION: TE Technical Support Centers

USA:	+ 1 800 327 6996
France:	+ 33 380 583 200
UK:	+ 44 0870 870 7500
Germany:	+ 49 896 089 903
Spain:	+ 34 916 630 400
Italy:	+ 39 333 250 0915
Benelux:	+ 32 16 351 731
Canada:	+ 1 (905) 475-6222
Mexico:	+ 52 (0) 55-1106-0800
Latin/S. America:	+ 54 (0) 11-4733-2200
China:	+ 86 (0) 400-820-6015

te.com/energy

©2018 TE Connectivity. All Rights Reserved. EPP-2801-8/18-EN

Raychem, TE Connectivity and the TE connectivity (logo) are trademarks of the TE Connectivity Ltd. family of companies. Other logos, product and Company names mentioned herein may be trademarks of their respective owners. While TE has made every reasonable effort to ensure the accuracy of the information in this brochure, TE does not guarantee that it is error-free, nor does TE make any other representation, warranty or guarantee that the information is accurate, correct, reliable or current. TE reserves the right to make any adjustments to the information contained herein at any time without notice. TE expressly disclaims all implied warranties regarding the information contained herein, including, but not limited to, any implied warranties of merchantability or fitness for a particular purpose. The dimensions in this brochure are for reference purposes only and are subject to change without notice. Specifications are subject to change without notice. Consult TE for the latest dimensions and design specifications.