

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

The MXSU-Tx are tailored for connections of large differences of cross-sections and conductor constructions, e.g. 25 mm<sup>2</sup> to 240 mm<sup>2</sup>, Cu/rm to Al/re. Further, the kits are widely range taking and cover most conductor constructions including their tolerances.

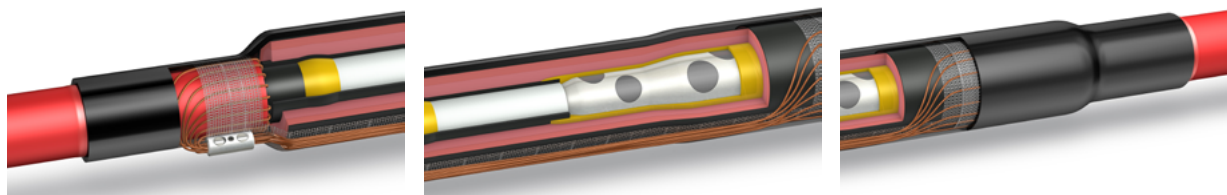
The kits are delivered with mechanical connectors. It is due to these mechanical connectors that the joints are easy to install, no crimping tool is needed when connecting the cables, no tool maintenance is required.

Our 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.**

## Dual Range Jointing System MXSU-Tx

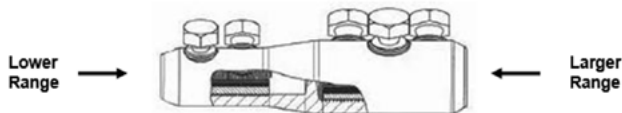


### PRODUCT SELECTION INFORMATION

| Kit Number   | Cross Section Range [mm <sup>2</sup> ] |                  |
|--------------|----------------------------------------|------------------|
|              | 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 <sup>2</sup> ] |                  |
|--------------|----------------------------------------|------------------|
|              | 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

| Kit Number   | Lower range        |                               | Larger range       |                               | Min. Diameter Cable Oversheath |
|--------------|--------------------|-------------------------------|--------------------|-------------------------------|--------------------------------|
|              | 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

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