



RAYCHEM HEAT-SHRINKABLE BRANCH JOINTS - MXSB

FOR SINGLE CORE POLYMERIC CABLES UP TO 24 KV

KEY FEATURES

- All-inclusive kit which requires no extra tooling
- Based on elastomeric triple layer joint sleeves
- Cost-efficient alternative to switchgear connections
- Reliable service records in wind & photovoltaic farms
- No crimping tools or tool maintenance required
- Avoids bulky waste and costly waste disposal
- Meets HD 629.1 S2

TE Connectivity (TE) through the Raychem product line, offers a comprehensive range of cable accessories for all cable types. As part of our vast joint portfolio, MXSB is a cost-efficient solution for solid branch joint connections.

TE's Raychem cable accessories are an important element in energy networks and the MXSB's most popular application today is the use in wind farms to connect turbines into a single distribution ring or to connect to solar power grids. It is especially due to MXSB's short and space saving design that it is perfectly suited for environments where space is limited.

The MXSB kits are based on a joint design using mechanical connectors for conductor and shield wires supplied with the kit. As a result of the shearbolt technology, this system is easy to install since no crimping tool is required.

Reliability and performance are essential when it comes to customer demands and the MXSB branch joint meets this demand by exceeding international performance standards including CENELEC HD 629.1 S2 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 name is synonymous with reliability in extreme environments and conditions. TE's Raychem MXSB cable accessories are designed to withstand environmental extremes over long operating lifetimes and offer easy installation.



PRODUCT SELECTION INFORMATION: DIMENSIONS IN mm					
Description	Cross Section Range [mm ²]		Diameter Conductor mm	Diameter Over Core Insulation mm	Diameter Cable Over Sheath mm
	12 kV	24 kV			
MXSB-12A/1XU-2XU	35 - 95		6.1 - 12.9	14.4 - 21.8	23 - 34
MXSB-12B/1XU-2XU	70 - 185		8.7 - 16.8	17.6 - 25.9	25 - 39
MXSB-12C/1XU-2XU	150 - 300		13.9 - 23.1	22.3 - 30.4	28 - 43
MXSB-24A/1XU-2XU	-	35 - 95	6.1 - 12.9	18.0 - 25.0	27 - 38
MXSB-24B/1XU-2XU	-	70 - 185	8.7 - 16.8	21.9 - 30.1	30 - 39
MXSB-24C/1XU-2XU		120 - 300	12.7 - 23.1	25.0 - 34.6	32 - 48

ORDERING INFORMATION

TE Connectivity's MXSB branch joint is widely range-taking and reduces the number of individual components to keep on stock. In addition, with a very long shelf life the MXSB joints simplify material logistics and reduce cost.

te.com/energy

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