

## MECHANICAL CONNECTORS AND LUGS FOR ALUMINUM FLEXIBLE CONDUCTORS FOR LOW AND MEDIUM VOLTAGE ALUMINIUM CABLES

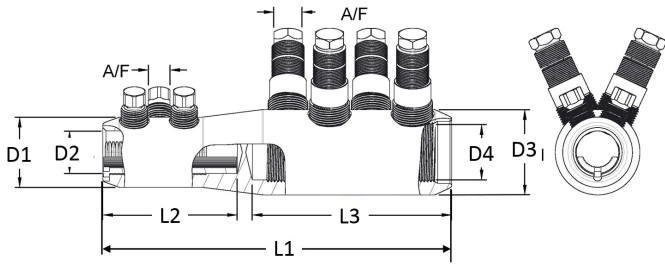
### KEY FEATURES

- Easy and secure connection system for Aluminum flexible cables tested to IEC-61238-1 Class A.
- New patented two step shear off bolts provide pre-determined torque & ensure reliable and secure contact without damaging fine Aluminum strands.
- Easier and faster installation without application tooling and reduced number of bolts.
- To be available for cable cross sections 70 mm<sup>2</sup> through 500 mm<sup>2</sup>.
- Dual range connectors available for connecting Cu - Al and Al - Al combinations for class 5 & class 2 conductors.

TE Connectivity's (TE) BSMB and BLMT-FLEX mechanical connectors and lugs are designed for use in low and medium voltage applications up to 42 kV. All products consist of high tensile aluminium tin-plated body and shear-head bolts. Made of special aluminium alloy, the new patented two step shear off bolts are irremovable once their heads have been sheared off. The internal surface of the conductor holes are grooved. Lugs are suitable for outdoor and indoor applications and are available with different palm hole sizes.

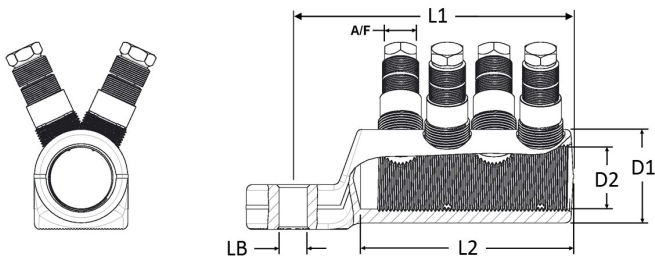
**Customers can count on consistent, high quality products, driven by TE's proven innovation and backed by our extraordinary customer support.**

## Mechanical Connectors and Lugs



### PRODUCT SELECTION INFORMATION

Description	Cross sectional range class 2 conductors (mm <sup>2</sup> )	Cross sectional range class 5 flexible conductors (mm <sup>2</sup> )	Dimensions (mm)				Contact bolts quantity		Head size AF (mm)				
			L1	L2	L3	D1	D2	D3	D4	Side 1	Side 2	Side 1	Side 2
BSMB-150/400-400-FLEX	150/400	300/400	210	80	120	42	25.5	51	33	3	4	13	17



### PRODUCT SELECTION INFORMATION

Description	Cross sectional range class 5 conductors (mm <sup>2</sup> )	Palm hole diameter (mm) LB	Dimensions (mm)				Contact bolts quantity	Head size AF (mm)
			L1	L2	D1	D2		
BLMT-400 FLEX-15	300/400	15	150	115	51	33	4	17
BLMT-400 FLEX-17	300/400	17	150	115	51	33	4	17
BLMT-400 FLEX-21	300/400	21	150	115	51	33	4	17

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