



Mechanical Connectors and Lugs

Application

Mechanical connectors and lugs are designed for use in low and medium voltage applications. There are five application size ranges to select from. The conductors are paired to the selective ranges starting at 25mm² and a maximum round shape of 630mm².

The mechanical connector is suited for the application of connecting Cu to Cu cables; Al to Al and Cu to Al cables. The mechanical connector offers a selection of connecting ranges to suite the conductor makeup. (Eg. round-solid, round-stranded, sector-solid, sector-round and sector-stranded can be connected to each other depending on the connector range.)

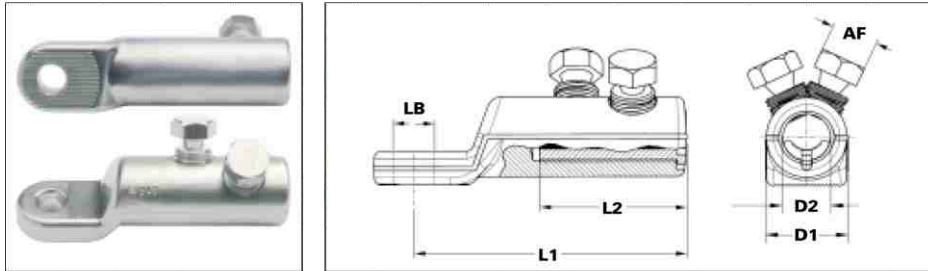
All products consist of a tin-plated body, shear-head bolts and inserts for small conductor sizes.

Feature

- Wide application range
- Compact design
- Torque-controlled shear-head bolts guarantee a good electrical contact
- Easy installation with standard socket spanner
- Pre-engineered design for perfect fit in medium voltage cable accessories up to 42 kV
- Tested according to IEC 61238-1 class A.

TECHNICAL INFORMATION

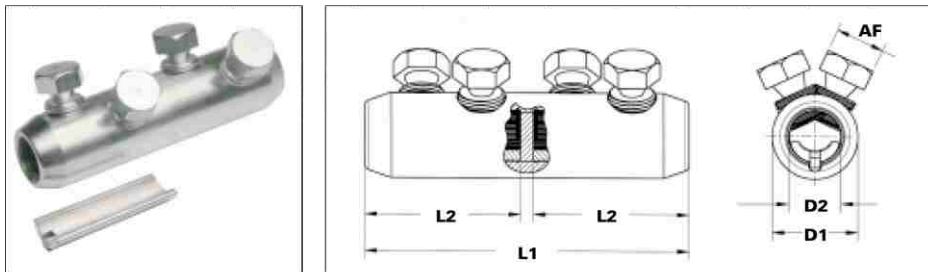
Ordering information – Dimensions – Selection tables Mechanical lugs



Dimensions

Product reference	Cross-sectional range mm ² LB	Palm hole diameter mm L1	Dimensions mm				Contact bolts	
			L2	D1	D2	Quantity	Head size AF mm	
BLMT-25/95-13	25-95	13	60	30	24	12.8	1	13
BLMT-25/95-17	25-95	17	60	30	24	12.8	1	13
BLMT-35/150-13	35-150	13	86	35	28	15.8	1	17
BLMT-35/150-17	35-150	17	86	35	28	15.8	1	17
BLMT-95/240-13	95-240	13	112	60	33	20	2	19
BLMT-95/240-17	95-240	17	112	60	33	20	2	19
BLMT-120/300-13	120-300	13	115	65	37	24	2	22
BLMT-120/300-17	120-300	17	115	65	37	24	2	22
BLMT-185/400-13	185-400	13	137	80	42	25.5	3	22
BLMT-185/400-17	185-400	17	137	80	42	25.5	3	22
BLMT-185/400-21	185-400	21	137	80	42	25.5	3	22

Ordering information – Dimensions – Selection tables Mechanical connectors



Dimensions

Product reference	Cross-sectional range mm ²	Blocked	Dimensions mm				Contact bolts	
			L1	L2	D1	D2	Quantity	Head size AF mm
BSMB-10/35	10-35	yes	45	20	18	9	2	10
BSM-25/95	25-95	yes	65	30	24	12.8	2	13
BSM-25/95-U	25-95	no	65		24	12.8	2	13
BSMB-35/150	35-150	yes	80	35	28	15.8	2	17
BSMU-35/150	35-150	no	80		28	15.8	2	17
BSM-95/240	95-240	yes	125	60	33	20	4	19
BSM-95/240-U	95-240	no	125		33	20	4	19
BSM-95/240-D38	95-240	yes	125	60	38	20	4	19
BSM-95/240-U-D38	95-240	no	125		38	20	4	19
BSMB-95/240-34	95-240	yes	125	60	34	22	4	19
BSMB-120/300	120-300	yes	140	65	37	24	4	22
BSMU-120/300	120-300	no	140		37	24	4	22
BSM-185/400	185-400	yes	170	80	42	25.5	6	22
BSM-185/400-U	185-400	no	170		42	25.5	6	22
BSMB-500	500	yes	190	90	46	30	6	27
BSMB-630	630	yes	200	95	50	33	6	27