Bow terminals MAE-E

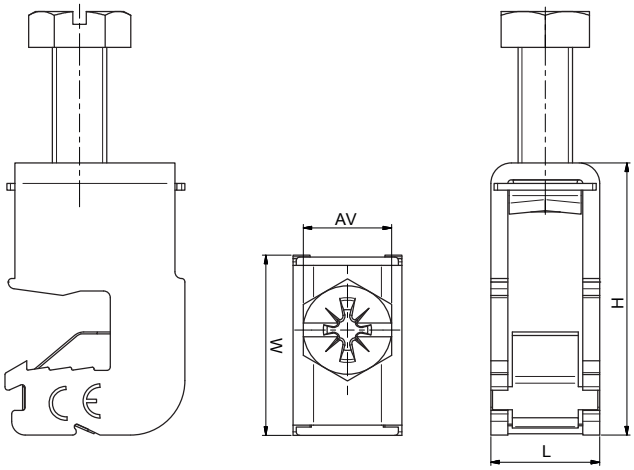
Bow terminals MAE-E are designed for mounting on copper busbar with thickness of 5 or 10 mm, enabling fastening wires up to 185 mm² according to different types or up to 10x20 mm Moflex flexibars. Body and screw of terminals are made of steel (class 11) and galvanized by Zn. The pressure spring is made of stainless steel. Hexagonal head in terminals (except MAE 16E) enables to tighten screws using hexagonal key with slotted blade or Phillips screwdriver.

Advantages

- Quick and easy installation
- Ideal for on site modifications
- Allows for excellent electrical contact
- Terminal has visible indication of tightening torque
- Suitable to connect wires up to185 mm² according to different types
- Suitable to connect up to 10x20 mm Moflex flexibars to copper busbar

Mounting	MAE 16E	MAE 35E	MAE 50E	MAE 70E	MAE 120E	MAE 185E
5 mm bar	MAE0165E15	MAE0355E15	MAE0505E15	MAE0705E15	MAE1205E15	MAE1855E15
10 mm bar	MAE0161E15	MAE0351E15	MAE0501E15	MAE0701E15	MAE1201E15	MAE1851E15
Technical data						
Cross-section CU (mm²)	1,5 - 16	4 - 35	10 - 50	16 - 70	16 - 120	50 - 185
Flexibar max. width (mm)	-	9	9	9	15,5	20
Flexibar max. layers	-	6	6	6	10	10
Nominal voltage AC/DC (V)	1000	1000	1000	1000	1000	1000
Nominal current (A)	180	270	315	400	440	500
Width / Height / Length (mm) Cu bar (th. 5 mm) Cu bar (th. 10 mm)	 25,5 / 26,5 / 12 25,5 / 29 /12	 26,5 / 31,3 / 16,5 26,5 / 36,5 / 16,5	 26,5 / 35 / 16,5 26,5 / 40 / 16,5	 28 / 39 / 20,5 28 / 46 / 20,5	 29 / 46 / 23,5 29 / 52 / 23,5	 29 / 55 / 35 29 / 55 / 35
Screw / hexagonal key (AV)	Pz2	Pz3 / SW13	Pz3 / SW13	Pz3 / SW13	Pz3 / SW17	Pz3 / SW17
Tightening torque (Nm)	3	6	8	8	20	20
Weight (g) Cu bar (th. 5 mm) Cu bar (th. 10 mm)	 22 21	 44 45	 48 48	 62 68	 88 90	 102 96
Package (pcs)	40	20	20	10	10	10

Dimensions



Bimetal bow terminals MAE-H

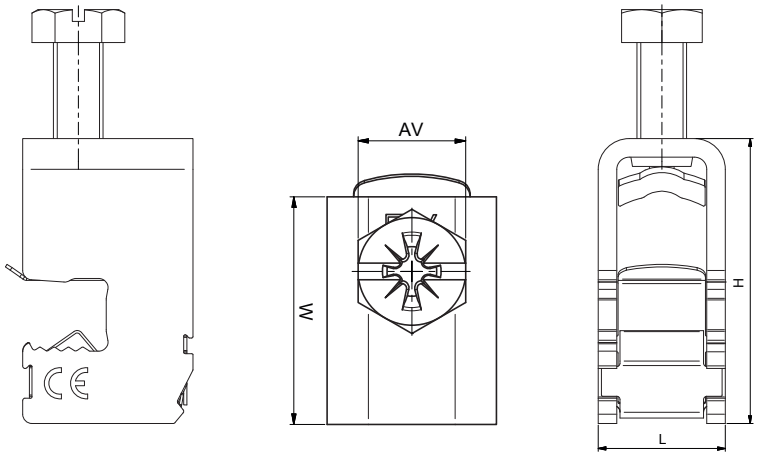
Bimetal bow terminals MAE-H are designed for mounting on copper or aluminium busbar with thickness of 5 or 10 mm, enabling fastening copper and aluminium wires up to 185 mm² or up to 10x20mm Moflex flexibars. Terminals have bimetal plate between busbar and cable connection. Body and screw of terminals are made of steel (class 11) and galvanized by Zn. The pressure spring is made of stainless steel and separating plate - of phosphorus bronze. Hexagonal head in terminals (except MAE 35H) enables to tighten screws using hexagonal key with slotted blade or Phillips screwdriver.

Advantages

- Quick and easy installation
- Ideal for on site modifications
- Allows for excellent electrical contact
- Terminal has visible indication of tightening torque
- Suitable to connect aluminium cable to copper busbar or copper cable to aluminium busbar without additional need for TIN plated busbars
- Suitable to connect Moflex copper flexibar to aluminium busbar without additional need for TIN plated busbars or flexibars

Mounting	MAE 35H	MAE 70H	MAE 120H	MAE 185H
5 mm bar	MAE0355H15	MAE0705H15	MAE1205H15	MAE1855H15
10 mm bar	MAE0351H15	MAE0701H15	MAE1201H15	MAE1851H15
Technical data				
Cross-section CU, AL (mm²)	4 - 35	16 - 70	16 - 120	50 - 185
Flexibar max. width (mm)	9	9	15,5	20
Flexibar max. layers	6	6	10	10
Nominal voltage AC/DC (V)	1000	1000	1000	1000
Nominal current (A)	270	400	440	500
Width / Height / Length (mm) 5 mm bar 10 mm bar	 26,5 / 32 / 16,5 26,5 / 37 / 16,5	 27,5 / 41 / 21 27,5 / 46 / 21	 29 / 46 / 24 29 / 51 / 24	 29 / 52 / 30 29 / 56 / 30
Screw / hexagonal key (AV)	Pz3 / SW13	Pz3 / SW13	Pz3 / SW17	Pz3 / SW17
Tightening torque (Nm)	6	12	22	22
Weight (g) 5 mm bar 10 mm bar	 44 45	 62 68	 88 90	 102 102
Package (pcs)	10	10	10	10

Dimensions



Bimetal bow terminals MAE 300H

Bimetal bow terminals MAE 300H are designed for mounting on copper or aluminium busbar with maximum Dimensions of 30 x 10 mm, enabling fastening copper and aluminium wires up to 300 mm².

Terminal has bimetal plate between busbar and cable connection. It is therefore suitable to connect aluminium cable to copper or copper to aluminium busbar without additional need for TIN plated busbars.

Terminal has visible indication of tightening torque and cross-section connection.

Insertion of the terminal should be made at an angle of 45°.

NEW

Mounting	MAE 300H
Max. 30 x 10 mm AL or CU busbar	MAE3001H15
Technical data	
Conductor cross-section CU (mm²) Conductor cross-section AL (mm²)	95 - 300 120 - 300
Nominal voltage AC/DC (V)	1000
Nominal current (A)	630
Width / Height / Length (mm)	57 / 76,6 / 38
Screw, hexagonal key (AV)	No. 8
Tightening torque (Nm)	30
Weight (g)	454
Package (pcs)	3

Dimensions