

# Heavy duty connectors OL

Up to

**800 A**

**2x300 mm<sup>2</sup>**

**Bimetal  
(Al/Cu)**

Made of

**stainless  
steel**

– suitable for harsh  
environments



Universal connectors OT are used to connect copper and aluminium conductors to the busbar. Connectors enable to connect one or two conductors. The clamp body and tightening screws are made of a special aluminium alloy and galvanized by Sn.

Screw contact surfaces are coated with the contact paste for better conductivity. The contact surface is provided with grooves, which avoid loosening the wire.



**OT 50**



**OT 95**



**OT 120**

	MAC1050E10	MAC1095E10	MAC1120E10
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<b>Technical data</b>			
Conductor cross-section Cu, Al (mm <sup>2</sup> )	1,5 - 50	6 - 95	16 - 120
Nominal voltage (V)	690	690	690
Nominal current Cu / Al (A)	160 / 145	245 / 220	280 / 230
Width / Height / Length (mm)	14 / 21,5 / 35	20 / 30 / 46	25 / 35 / 64
Diameter of the hole (mm) AV / AV1	8,5 / 10,5	10,5 / 13	12,5 / 17
Screw, hexagonal key	No. 5	No. 6	No. 6
Tightening torque (Nm)	3,5 Nm (1,5 - 10 mm <sup>2</sup> ) 12 Nm (16 - 50 mm <sup>2</sup> )	12 Nm (16 - 35 mm <sup>2</sup> ) 22 Nm (50 - 95 mm <sup>2</sup> )	12 Nm (6 - 35 mm <sup>2</sup> ) 25 Nm (50 - 120 mm <sup>2</sup> )
Weight (g)	10	22	50
Package (pcs)	30	30	30



**OT 150**



**OT 240**



**OT 300**

	MAC1150E10	MAC1240E10	MAC1300E10
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<b>Technical data</b>			
Conductor cross-section Cu, Al (mm <sup>2</sup> )	25 - 150	35 - 240	95 - 300
Nominal voltage (V)	690	690	690
Nominal current Cu / Al (A)	320 / 290	425 / 380	490 / 420
Width / Height / Length (mm)	26 / 39 / 62	32 / 44 / 74	40 / 48 / 64
Diameter of the hole (mm) AV / AV1	12,5 / 15	12,5 / 15	12,5 / 18
Screw, hexagonal key	No. 6	No. 8	No. 8
Tightening torque (Nm)	14 Nm (25 - 150 mm <sup>2</sup> ) 30 Nm (70 - 150 mm <sup>2</sup> )	26 Nm (35 - 120 mm <sup>2</sup> ) 40 Nm (150 - 240 mm <sup>2</sup> )	33 Nm (95 - 185 mm <sup>2</sup> ) 60 Nm (240 - 300 mm <sup>2</sup> )
Weight (g)	58	115	134
Package (pcs)	20	10	10

## Dimensions

