

MOREK

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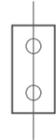


Power Distribution Components

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Enabling electrical connections through top-quality products and true partnerships.

Enabling electrical connections through top-quality
products and true partnerships.



OTL 16



OTL 35

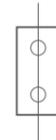
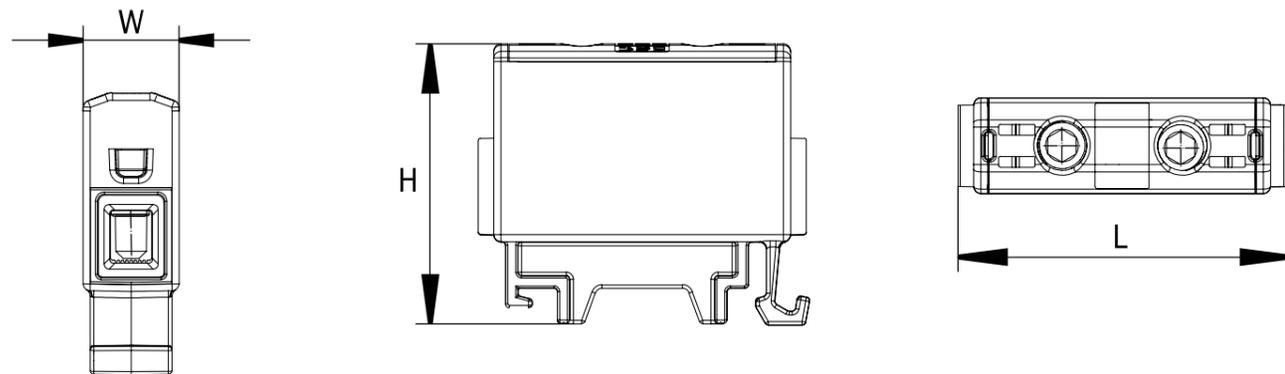


OTL 50

Grey	●	MAA1016A10	MAA1035A10	MAA1050A10
Blue	●	MAA1016B10	MAA1035B10	MAA1050B10
Yellow-green	●	MAA1016Y10	MAA1035Y10	MAA1050Y10
Red	●	MAA1016R10	MAA1035R10	MAA1050R10
Black	●	MAA1016S10	MAA1035S10	MAA1050S10

Technical data				
Conductor cross-section Cu, Al (mm ²)		1,5 - 16	2,5 - 35	1,5 - 50
Nominal voltage AC / DC (V)	IEC	1000 / 1500	1000 / 1500	1000 / 1500
Nominal voltage AC / DC (V)	UL	1000	1000	1000
Nominal current (A)	IEC	82 (Cu) / 75 (Al)	135 (Cu) / 120 (Al)	160 (Cu) / 145 (Al)
Nominal current (A)	UL	85 (Cu) / 65 (Al)	115 (Cu) / 90 (Al)	150 (Cu) / 120 (Al)
Short time withstand current (I _{cw})		1,92 kA/1s	4,20 kA/1s	6,00 kA/1s
Width / Height / Length (mm)		13,5 / 39,5 / 46,8	16 / 40 / 47	18 / 43 / 51,6
Screw, hexagonal key		No. 4	No. 4	No. 5
Tightening torque (Nm)		1,5 Nm (1,5 mm ²) 3,5 Nm (2,5 - 6 mm ²) 7 Nm (10-16 mm ²)	3 Nm (2,5 - 16 mm ²) 6 Nm (25 - 35 mm ²) -	1,5 Nm (1,5 - 2,5 mm ²) 5 Nm (4 - 10 mm ²) 10 Nm (16 - 50 mm ²)
Mounting		DIN rail	DIN rail	DIN rail
Weight (g)		17	27	30
Package (pcs)		66	54	48

Dimensions



OTL 95



OTL 150



OTL 240

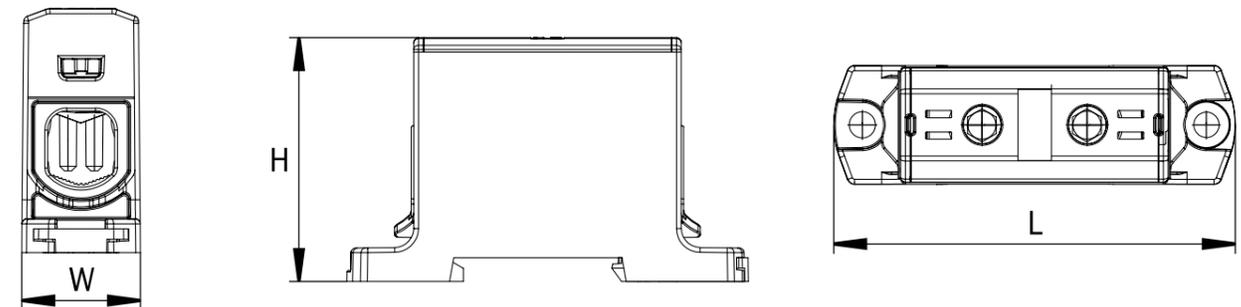


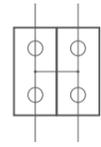
OTL 300

Grey	●	MAA1095A10	MAA1150A10	MAA1240A10	MAA1300A10
Blue	●	MAA1095B10	MAA1150B10	MAA1240B10	MAA1300B10
Yellow-green	●	MAA1095Y10	MAA1150Y10	MAA1240Y10	MAA1300Y10
Red	●	MAA1095R10	MAA1150R10	MAA1240R10	MAA1300R10
Black	●	MAA1095S10	MAA1150S10	MAA1240S10	MAA1300S10

Technical data					
Conductor cross-section Cu, Al (mm ²)		6 - 95	25 - 150	35 - 240	95 - 300
Nominal voltage AC / DC (V)	IEC	1000 / 1500	1000 / 1500	1000 / 1500	1000 / 1500
Nominal voltage AC / DC (V)	UL	1000	1000	1000	-
Nominal current (A)	IEC	245 (Cu) / 220 (Al)	320 (Cu) / 290 (Al)	425 (Cu) / 380 (Al)	490 (Cu) / 440 (Al)
Nominal current (A)	UL	230 (Cu) / 180 (Al)	285 (Cu) / 250 (Al)	380 (Cu) / 310 (Al)	-
Short time withstand current (I _{cw})		11,40 kA/1s	18,00 kA/1s	28,80 kA/1s	36,00 kA/1s
Width / Height / Length (mm)		25 / 51 / 84	31 / 54 / 84	37 / 65 / 106	44,5 / 71 / 122
Screw, hexagonal key		No. 6	No. 6	No. 8	No. 8
Tightening torque (Nm)		12 Nm (6 - 25 mm ²) 22 Nm (35 - 95 mm ²) -	14 Nm (25 - 50 mm ²) 35 Nm (70 - 150 mm ²) -	26 Nm (35 - 120 mm ²) 46 Nm (150 - 240 mm ²) -	30 Nm (95 - 150 mm ²) 60 Nm (185 - 300 mm ²) -
Mounting		DIN rail, screw	DIN rail, screw	DIN rail, screw	DIN rail, screw
Weight (g)		65	100	195	332
Package (pcs)		24	24	24	3

Dimensions





OTL 35-2



OTL 50-2



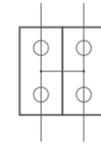
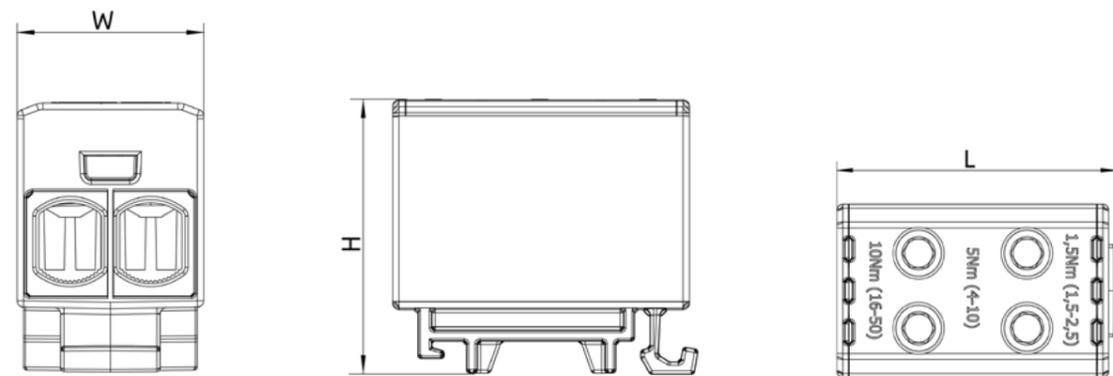
OTL 95-2

Grey	●	MAA2035A10	MAA2050A10	MAA2095A10
Blue	●	MAA2035B10	MAA2050B10	MAA2095B10
Yellow-green	●	MAA2035Y10	MAA2050Y10	MAA2095Y10
Red	●	MAA2035R10	MAA2050R10	MAA2095R10
Black	●	MAA2035S10	MAA2050S10	MAA2095S10

Technical data

Conductor cross-section Cu, Al (mm ²)	2,5 - 35	1,5 - 50	6 - 95
Nominal voltage AC / DC (V)	1000 / 1500	1000 / 1500	1000 / 1500
Nominal voltage AC / DC (V)	1000	1000	1000
Nominal current (A)	270 (Cu) / 120 (Al)	320 (Cu) / 290 (Al)	490 (Cu) / 220 (Al)
Nominal current (A)	115 (Cu) / 90 (Al)	150 (Cu) / 120 (Al)	230 (Cu) / 180 (Al)
Short time withstand current (I _{cw})	4,20 kA/1s	6,00 kA/1s	11,40 kA/1s
Width / Height / Length (mm)	27 / 40 / 47	30 / 43 / 51,6	42 / 51 / 84
Screw, hexagonal key	No. 4	No. 5	No. 6
Tightening torque (Nm)	3 Nm (2,5 - 16 mm ²) 6 Nm (25 - 35 mm ²) -	1,5 Nm (1,5 - 2,5 mm ²) 5 Nm (4 - 10 mm ²) 10 Nm (16 - 50 mm ²)	12 Nm (6 - 25 mm ²) 22 Nm (35 - 95 mm ²) -
Mounting	DIN rail	DIN rail	DIN rail, screw
Weight (g)	44	90	125
Package (pcs)	30	54	24

Dimensions



OTL 150-2



OTL 240-2



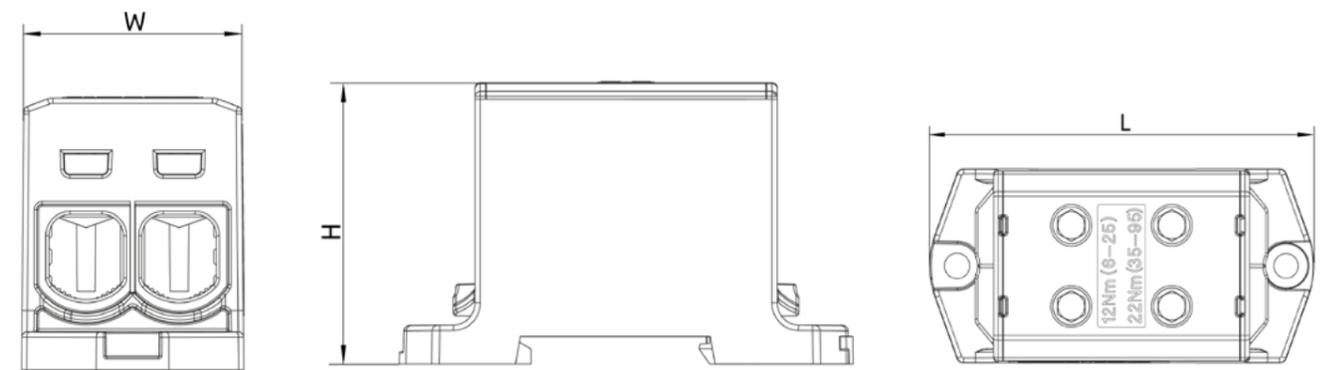
OTL 300-2

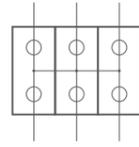
Grey	●	MAA2150A10	MAA2240A10	MAA2300A10
Blue	●	MAA2150B10	MAA2240B10	MAA2300B10
Yellow-green	●	MAA2150Y10	MAA2240Y10	MAA2300Y10
Red	●	MAA2150R10	MAA2240R10	MAA2300R10
Black	●	MAA2150S10	MAA2240S10	MAA2300S10

Technical data

Conductor cross-section Cu, Al (mm ²)	25 - 150	35 - 240	95 - 300
Nominal voltage AC / DC (V)	1000 / 1500	1000 / 1500	1000 / 1500
Nominal voltage AC / DC (V)	1000	1000	-
Nominal current (A)	640 (Cu) / 290 (Al)	850 (Cu) / 380 (Al)	980 (Cu) / 630 (Al)
Nominal current (A)	285 (Cu) / 250 (Al)	380 (Cu) / 310 (Al)	-
Short time withstand current (I _{cw})	18,00 kA/1s	28,80 kA/1s	36,00 kA/1s
Width / Height / Length (mm)	51 / 54 / 84	60 / 65 / 106	70 / 77 / 122
Screw, hexagonal key	No. 6	No. 8	No. 8
Tightening torque (Nm)	14 Nm (25 - 50 mm ²) 30 Nm (70 - 150 mm ²) -	26 Nm (35 - 120 mm ²) 40 Nm (150 - 240 mm ²) -	30 Nm (95 - 150 mm ²) 60 Nm (185 - 300 mm ²) -
Mounting	DIN rail, screw	DIN rail, screw	DIN rail, screw
Weight (g)	170	340	632
Package (pcs)	24	12	3

Dimensions



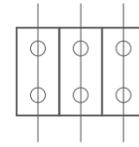
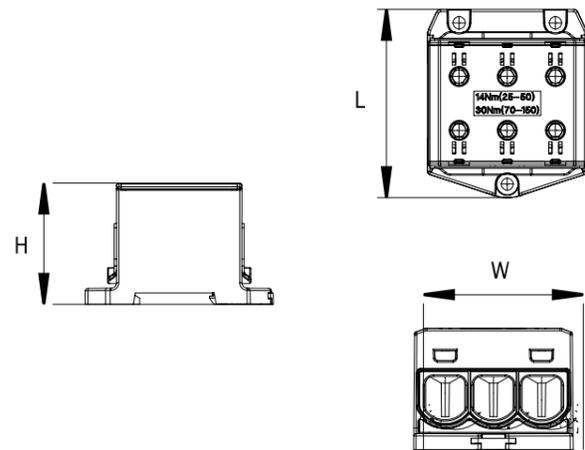


Grey	MAA3050A10	MAA3095A10	MAA3150A10	MAA3300A10
Blue	MAA3050B10	MAA3095B10	MAA3150B10	MAA3300B10
Yellow-green	MAA3050Y10	MAA3095Y10	MAA3150Y10	MAA3300Y10
Red	MAA3050R10	MAA3095R10	MAA3150R10	MAA3300R10
Black	MAA3050S10	MAA3095S10	MAA3150S10	MAA3300S10

Technical data				
Conductor cross-section Cu, Al (mm ²)	1.5 - 50	6 - 95	25 - 150	95 - 300
Nominal voltage AC / DC (V)	1000 / 1500	1000 / 1500	1000 / 1500	1000 / 1500
Nominal voltage AC / DC (V)	1000	1000	1000	-
Nominal current (A)	320 (Cu) / 290 (Al)	490 (Cu) / 440 (Al)	640 (Cu) / 500 (Al)	850 (Cu) / 630 (Al)
Nominal current (A)	150 (Cu) / 120 (Al)	230 (Cu) / 180 (Al)	285 (Cu) / 250 (Al)	-
Short time withstand current (I _{cw})	6,00 kA/1s	11,40 kA/1s	18,00 kA/1s	36,00 kA/1s
Width / Height / Length (mm)	44,6 / 40,8 / 79,5	59 / 51 / 84	71,3 / 54 / 84	101 / 78 / 120
Screw, hexagonal key	No. 5	No. 6	No. 6	No. 8
Tightening torque (Nm)	1,5 Nm (1,5 - 2,5 mm ²) 5 Nm (4 - 10 mm ²) 10 Nm (16 - 50 mm ²)	12 Nm (6 - 25 mm ²) 22 Nm (35 - 95 mm ²) -	14 Nm (25 - 50 mm ²) 30 Nm (70 - 150 mm ²) -	35 Nm (95 - 150 mm ²) 45 Nm (180 - 300 mm ²) -
Mounting	DIN rail, screw	DIN rail, screw	DIN rail, screw	DIN rail, screw
Weight (g)	109	178	246	730
Package (pcs)	24	12	12	1

* Currents achievable by connecting multiple input cables.

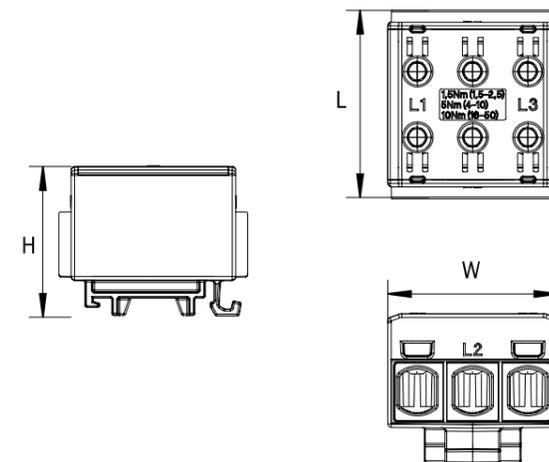
Dimensions



Grey	MAA1335A10	MAA1350A10
Grey, Blue, Yellow-green	-	-
Yellow-green	-	-

Technical data		
Conductor cross-section Cu, Al (mm ²)	2,5 - 35	1,5 - 50
Nominal voltage AC / DC (V)	1000 / 1500	1000 / 1500
Nominal voltage AC / DC (V)	1000	1000
Nominal current (A)	3 x 135 (Cu) / 3 x 120 (Al)	3 x 160 (Cu) / 3 x 145 (Al)
Nominal current (A)	3 x 115 (Cu) / 3 x 90 (Al)	3 x 150 (Cu) / 3 x 120 (Al)
Short time withstand current (I _{cw})	4,20 kA/1s	6,00 kA/1s
Width / Height / Length (mm)	46 / 40 / 49	49 / 43 / 54,6
Screw, hexagonal key	No. 4	No. 5
Tightening torque (Nm)	3 Nm (2,5 - 16 mm ²) 6 Nm (25 - 35 mm ²)	1,5 Nm (1,5 - 2,5 mm ²) 5 Nm (4 - 10 mm ²) 10 Nm (16 - 50 mm ²)
Mounting	DIN rail	DIN rail
Weight (g)	70	81
Package (pcs)	18	30

Dimensions



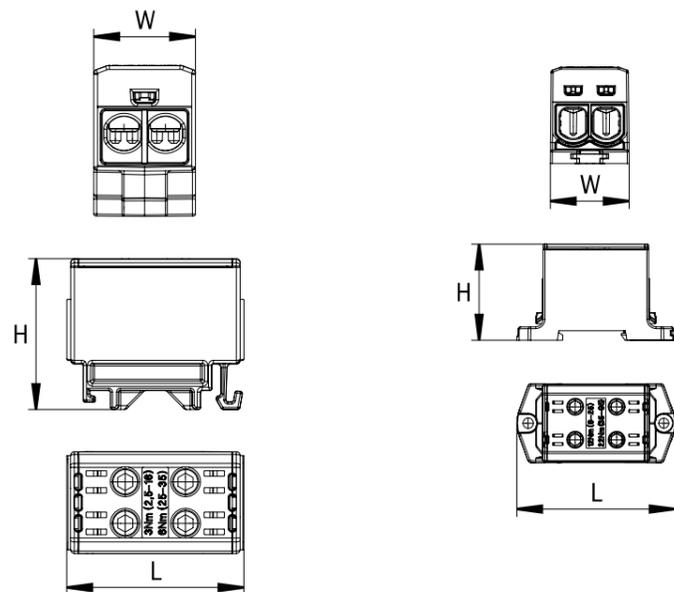
The OTL-PEN universal series terminals are designed to create a point for dividing TN-C systems into TN-S.



Yellow-green-blue	MAA2035P10	MAA2050P10	MAA2095P10	MAA2150P10	MAA2240P10	MAA2300P10
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Technical data							
Conductor cross-section Cu, Al (mm ²)	2,5-35	1,5 - 50	6 - 95	25 - 150	35 - 240	95 - 300	
Nominal voltage AC / DC (V)	1000 / 1500	1000 / 1500	1000 / 1500	1000 / 1500	1000 / 1500	1000 / 1500	
Nominal current (A)	270 (Cu) / 120 (Al)	320 (Cu) / 290 (Al)	490 (Cu) / 220 (Al)	640 (Cu) / 290 (Al)	850 (Cu) / 380 (Al)	850 (Cu) / 630 (Al)	
Width / Height / Length (mm)	27 / 40 / 47	30 / 43 / 51,6	42 / 51 / 84	51 / 54 / 84	60 / 65 / 106	70 / 77 / 122	
Screw, hexagonal key	No. 4	No. 5	No. 6	No. 6	No. 8	No. 8	
Tightening torque (Nm)	3 Nm (2,5 - 16 mm ²) 6 Nm (2,5 - 35 mm ²) -	1,5 Nm (1,5 - 2,5 mm ²) 5 Nm (4 - 10 mm ²) 10 Nm (16 - 50 mm ²)	12 Nm (6 - 25 mm ²) 22 Nm (35 - 95 mm ²) -	14 Nm (25 - 50 mm ²) 30 Nm (70 - 150 mm ²) -	26 Nm (35 - 120 mm ²) 40 Nm (150 - 240 mm ²) -	35 Nm (95 - 150 mm ²) 45 Nm (180 - 300 mm ²) -	-
Mounting	DIN rail	DIN rail	DIN rail, screw	DIN rail, screw	DIN rail, screw	DIN rail, screw	
Weight (g)	44	90	125	170	340	623	
Package (pcs)	30	54	24	24	12	1	

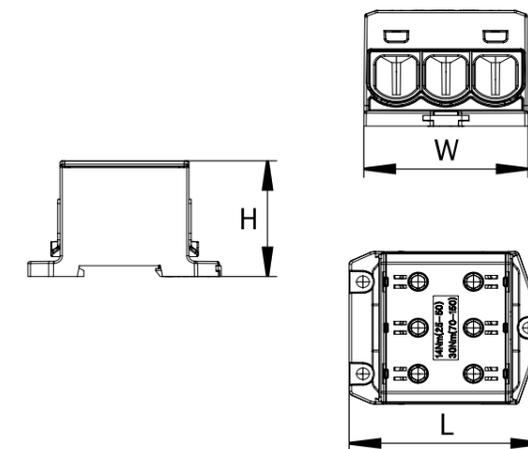
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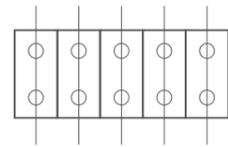


Yellow-green-blue	MAA3050P10	MAA3095P10	MAA3150P10
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Technical data			
Conductor cross-section Cu, Al (mm ²)	1.5 - 50	6 - 95	25 - 150
Nominal voltage AC / DC (V)	1000 / 1500	1000 / 1500	1000 / 1500
Nominal current (A)	320 (Cu) / 290 (Al)	490 (Cu) / 440 (Al)	640 (Cu) / 500 (Al)
Width / Height / Length (mm)	44,6 / 40,8 / 79,5	59 / 51 / 84	71,3 / 54 / 84
Screw, hexagonal key	No. 5	No. 6	No. 6
Tightening torque (Nm)	1,5 Nm (1,5 - 2,5 mm ²) 5 Nm (4 - 10 mm ²) 10 Nm (16 - 50 mm ²)	12 Nm (6 - 25 mm ²) 22 Nm (35 - 95 mm ²) -	14 Nm (25 - 50 mm ²) 30 Nm (70 - 150 mm ²) -
Mounting	DIN rail, screw	DIN rail, screw	DIN rail, screw
Weight (g)	109	178	246
Package (pcs)	24	12	12

Dimensions



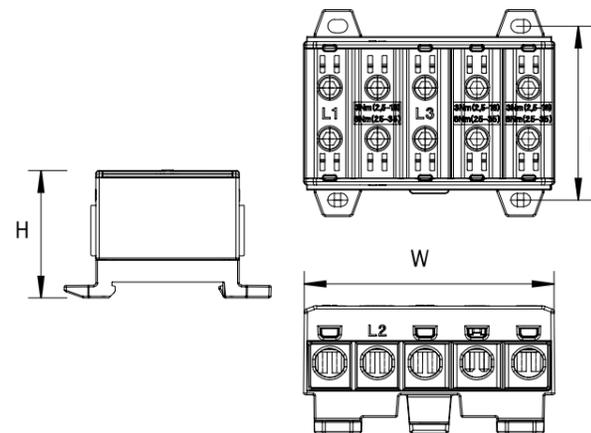


OTL 16-5x **OTL 35-5x** **OTL 50-5x** **OTL 95-5x**

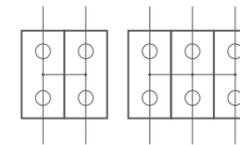
Grey, Blue, Yellow-green		MAA5016A11	MAA5035A10	MAA5050A10	MAA5095A10
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Technical data					
Conductor cross-section Cu, Al (mm ²)	1,5 - 16	2,5 - 35	1,5 - 50	6 - 95	
Nominal voltage AC / DC (V)	1000 / 1500	1000 / 1500	1000 / 1500	1000 / 1500	
Nominal voltage AC / DC (V)	-	1000	-	-	
Nominal current (A)	5 x 82 (Cu) / 5 x 75 (Al)	5 x 135 (Cu) / 5 x 120 (Al)	5 x 160 (Cu) / 5 x 145 (Al)	5 x 245 (Cu) / 5 x 220 (Al)	
Nominal current (A)	-	5 x 115 (Cu) / 5 x 90 (Al)	-	-	
Short time withstand current (I _{cw})	1,92 kA/1s	4,20 kA/1s	6,00 kA/1s	11,40 kA/1s	
Width / Height / Length (mm)	61 / 32 / 65	78,5 / 40 / 65	86,1 / 43 / 67,7	117,4 / 50,5 / 82,5	
Screw, hexagonal key	No. 4	No. 4	No. 5	No. 6	
Tightening torque (Nm)	1,5 Nm (1,5 mm ²) 3,5 Nm (2,5 - 6 mm ²) 7 Nm (10 - 16 mm ²)	3 Nm (2,5 - 16 mm ²) 6 Nm (25 - 35 mm ²) -	1,5 Nm (1,5 - 2,5 mm ²) 5 Nm (4 - 10 mm ²) 10 Nm (16 - 50 mm ²)	12 Nm (6 - 25 mm ²) 22 Nm (35 - 95 mm ²) -	
Mounting	DIN rail, screw	DIN rail, screw	DIN rail, screw	DIN rail, screw	
Weight (g)	72	120	196	323	
Package (pcs)	10	16	8	10	

Dimensions



OTL terminals for flexible busbars provide a reliable, high-performance solution for connecting copper (bare or tinned) flexible busbars to copper or aluminium cables. Designed for demanding power applications, they support cable cross-sections up to 300 mm² and flexible busbar dimensions up to 6 × 1 × 40 mm. Retaining all the proven advantages of OTL terminals, they feature a 1500 V DC rating, UL94 V0 flame-retardant insulation, Class A certification, and robust construction for long-term, safe operation.



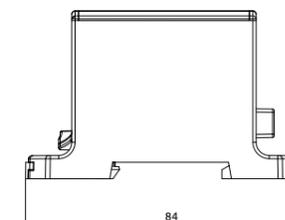
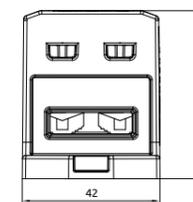
OTL 95-2B **OTL 300-3B**

Grey		MAA2095A20	MAA3300A20
Blue		MAA2095B20	MAA3300B20
Yellow-green		MAA2095Y20	MAA3300Y20

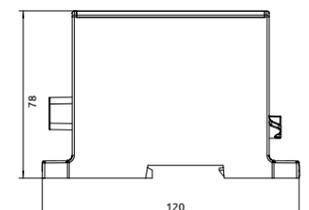
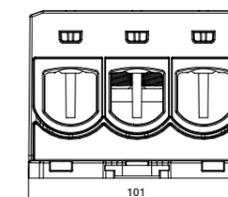
Technical data			
Conductor cross-section Cu, Al (mm ²)	6 - 95	95 - 300	
Busbar cross-section, Cu (mm ²)	3x1x24	3x1x32 - 6x1x40	
Nominal voltage AC / DC (V)	1000 / 1500	1000 / 1500	
Nominal current (A)	245 (Cu) / 220 (Al)	630 (Cu) / 630 (Al)	
Short time withstand current (I _{cw})	11,40 kA/1s	36,00 kA/1s	
Width / Height / Length (mm)	42 / 51 / 84	101 / 78 / 120	
Screw, hexagonal key	No. 6	No. 6, No. 8	
Tightening torque (Nm)	12 Nm (6 - 25 mm ²) 22 Nm (35 - 95 mm ²) 8 Nm (3x1x24 mm)	35 Nm (95 - 150 mm ²) 45 Nm (180 - 300 mm ²) 15 Nm (3x1x32 - 6x1x40 mm)	
Mounting	DIN rail, screw	DIN rail, screw	
Weight (g)	125	499	
Package (pcs)	24	1	

Dimensions

OTL 95-2B



OTL 300-3B



Protective plastic covers are accessories for universal terminals OTL used for blanking unused connection space or maintaining IP20 protection class with smaller wire cross-section. They are offered for OTL 50, OTL 95, OTL 150, 240 and OTL 300 series.



Finger guard OTL 50 Finger guard OTL 95 Finger guard OTL 150 Finger guard OTL 240 Finger guard OTL 300

Grey	MAA0050A10	MAA0095A10	MAA0150A10	MAA0240A10	MAA0300A10
Technical data					
Width / Height / Length (mm)	14 / 31,5 / 10	18,3 / 45 / 10	22 / 47,5 / 10	28 / 57,5 / 10	32 / 57,5 / 10
Material	PA 66				
Weight (g)	0,8	1,4	1,7	2,7	3,2
Package (pcs)	100	100	100	100	100

* Compatible with the new OTL terminals 1500 V DC

Contact grease SR-1

Contact grease SR-1 is a lubrication grease and rust inhibitor designed for electrical connectors. It can be used both indoors and outdoors.

Materials

- Lithium thickened grease, containing antioxidants and corrosion inhibitors

Warning: prolonged or repeated skin contact may irritate the skin and produce dermatitis.

Advantages

- Good protection against both copper and steel corrosion
- Prevention of oxidation of aluminium surfaces
- Reduction of transition resistance while used with wire brush

Standards

- DIN 51502 K2K-30
- ISO 6743 ISO-LXCCHA2

SR-1

Contact grease SR-1 250ml	MYA0001A10
Technical data	
Base oil viscosity / cSt at 40 °C	112
Base oil viscosity / cSt at 100 °C	10
Dropping point / °C	>180
Temperature range / °C	-30 to 110
Thickener	Lithium
SKF Emcor WWO distilled water / ISO 11007mod	0-0
Copper corrosion 24h / 100 °C / ASTM D4048	1b
Water resistance / DIN 51807 / 1	0-90
Oil separation 168h / 40 °C / IP121	6%



Material classification according to UL 94 V-0 standard (vertical burning test)

Criteria Conditions	94 V-0	94 V-1	94 V-2
Total flaming combustion for each specimen	≤ 10 sec	≤ 30 sec	≤ 30 sec
Total flaming combustion for all 5 specimens of any set	≤ 50 sec	≤ 250 sec	≤ 250 sec
Flaming and glowing combustion for each specimen after second burner flame application	≤ 30 sec	≤ 60 sec	≤ 60 sec
Cotton ignited by flaming drips from any specimen	No	No	Yes

Universal terminals OTL wiring connectivity

In case of Aluminum wire, only one wire is allowed to connect per connection

Type	Conductor cross-section (mm ²) / number of copper wires per connection															Tightening torque (Nm)	In (A) Al / Cu	
	1,5	2,5	4	6	10	16	25	35	50	70	95	120	150	185	240			300
OTL 16	3 pcs	3 pcs	2 pcs	2 pcs	1 pcs	1 pcs											1,5 Nm (1,5 mm ²) 3,5 Nm (2,6 - 6 mm ²) 7 Nm (10 - 16 mm ²)	75 / 82
OTL 35																	3 Nm (2,5 - 16 mm ²) 6 Nm (25 - 35 mm ²)	120 / 135
OTL 35-2		3 pcs	3 pcs	3 pcs	3 pcs	2 pcs	1 pcs	1 pcs										
OTL 35-3X																		
OTL 35-5X																		
OTL 50																	1,5 Nm (1,5 - 2,5 mm ²) 5 Nm (4 - 10 mm ²) 10 Nm (16 - 50 mm ²)	145 / 160
OTL 50-2	3 pcs	3 pcs	3 pcs	3 pcs	3 pcs	3 pcs	2 pcs	1 pcs	1 pcs									
OTL 50-3																		
OTL 95																	12 Nm (6 - 25 mm ²) 22Nm (35 - 95 mm ²)	220 / 245
OTL 95-2				3 pcs	3 pcs	3 pcs	3 pcs	2 pcs	1 pcs	1 pcs	1 pcs							
OTL 95-3																		
OTL 150																	14 Nm (25 - 50 mm ²) 30 Nm (70 - 150 mm ²)	290 / 320
OTL 150-2							3 pcs	3 pcs	3 pcs	2 pcs	1 pcs	1 pcs						
OTL 150-3																		
OTL 240																	26 Nm (35 - 120 mm ²) 40 Nm (150 - 240 mm ²)	380 / 425
OTL 240-2							3 pcs	3 pcs	3 pcs	2 pcs	2 pcs	1 pcs	1 pcs	1 pcs				
OTL 300-1											3 pcs	2 pcs	2 pcs	1 pcs	1 pcs	1 pcs	30 Nm (95-150 mm ²) 60 Nm (185-300 mm ²)	440 / 490
OTL 300-3											3 pcs	2 pcs	2 pcs	1 pcs	1 pcs	1 pcs	35 Nm (95 - 150 mm ²) 45 Nm (185 - 300 mm ²)	630 / 630

We recommend using cable end sleeves, when using fine-strand wires with following cross-sections (single-wire connections):

- OTL 16:** 1,5 mm²...6 mm²
- OTL 35:** 2,5 mm²...10 mm²
- OTL 50:** 1,5 mm²...16 mm²
- OTL 95:** 6 mm²...35 mm²
- OTL 150:** 25 mm²...70 mm²
- OTL 240:** 35 mm²...120 mm²
- OTL 300:** 95 mm²...150 mm²

Main branch terminals HLAK are designed for copper and aluminium conductors with cross-section up to 25 mm². Insulation part is made from highly creepage current-safe polyamide PA66. Conductive part is made from nickel-plated brass. Protection class is IP20. Modern and compact design saving the space.



Conductors cross section Cu/Al (mm²)



Conductors	Solid/ Multistranded	Stranded with sleeve
2x25 mm ² per pole	1,5-25	1,5-16
2x16 mm ² per pole	1,5-16	1,5-10



HLAK25 1P HLAK25 2P HLAK25 3P HLAK25 4P HLAK25 5P

		MAG1251A00	MAG2252A00	MAG3253A00	MAG4254A00	MAG5255A00
Grey	●	MAG1251A00	MAG2252A00	MAG3253A00	MAG4254A00	MAG5255A00
Blue	●	MAG1251B00	-	-	-	-
Red	●	MAG1251R00	-	-	-	-
Black	●	MAG1251S00	-	-	-	-
Green	●	MAG1251G00	-	-	-	-
Brown	●	MAG1251C00	-	-	-	-
Blue, green	●	-	MAG2251BG0	-	-	-
Grey, blue, green	●	-	-	MAG3251ABG	-	MAG5253ABG
Grey, blue	●	-	-	-	MAG4253AB0	-
Brown, black, grey, blue, green	●	-	-	-	-	MAG5251CSX

Technical data

	IEC	1000 / 1500	1000 / 1500	1000 / 1500	1000 / 1500	1000 / 1500
Nominal voltage AC / DC (V)	IEC	1000 / 1500	1000 / 1500	1000 / 1500	1000 / 1500	1000 / 1500
Nominal current (A)	IEC	100	100	100	100	100
Number of poles		1	2	3	4	5
Stripping length (mm)		15	15	15	15	15
Tightening torque (Nm)		2,5	2,5	2,5	2,5	2,5
Width / Height / Length (mm)		21 / 39 / 42,5	40 / 39 / 42,5	60 / 39 / 42,5	80 / 39 / 42,5	99 / 39 / 42,5
Mounting		DIN rail				
Weight (g)		65	130	189	254	314
Package (pcs)		10	2	2	1	1

Distribution blocks OJL distribute larger cross-section conductors to smaller ones with various design options, including nominal connecting cross-sections of 6 mm² to 240 mm². They can be mounted on DIN rails or solid surfaces, offer a maximum operating temperature of 80 °C, and provide IP20 protection.



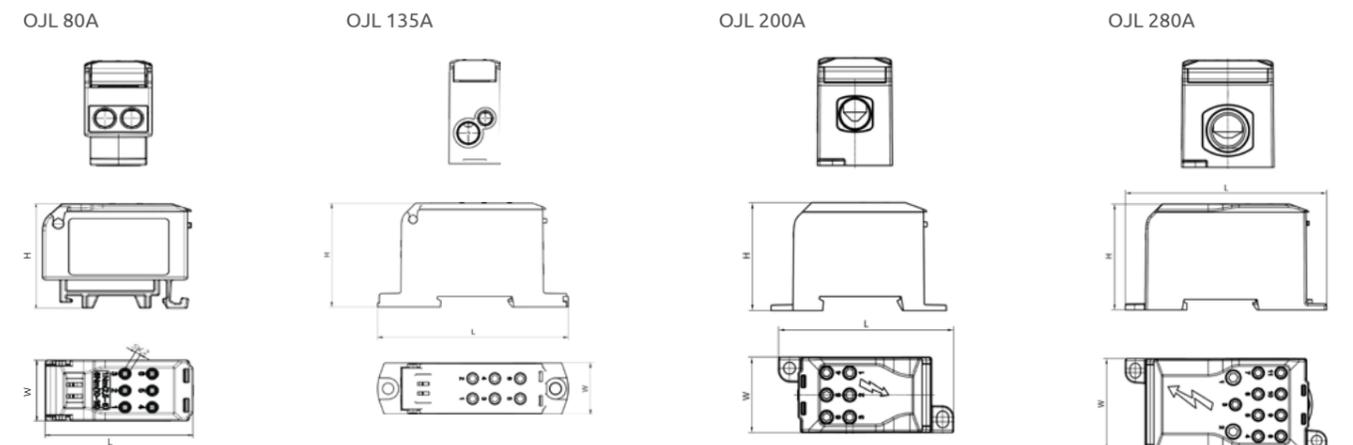
OJL 80A OJL 135A OJL 200A OJL 280A

Black / Grey	●	MAB1080S10	MAB1135S10	MAB1201S10	MAB1281S10
Blue / Grey	●	MAB1080B10	MAB1135B10	MAB1201B10	MAB1281B10
Green / Grey	●	MAB1080G10	MAB1135G10	MAB1201G10	MAB1281G10

Technical data

	OJL 80A	OJL 135A	OJL 200A	OJL 280A
Conductor cross-section				
Input wire Al/Cu (mm ²)	2 x 2,5 - 16	1 x 2,5 - 35 1 x 2,5 - 10	1 x 10 - 70	1 x 35 - 120
Output wire Cu (mm ²)	6 x 2,5 - 6	4 x 2,5 - 16 2 x 2,5 - 10	6 x 2,5 - 16	4 x 2,5 - 10 5 x 2,5 - 16 2 x 6 - 35
Nominal voltage AC / DC (V)	1000 / 1500	1000	1000	1000
Nominal current (A)	80 (Cu) / 75 (Al)	135 (Cu) / 120 (Al)	200 (Cu) / 160 (Al)	280 (Cu) / 250 (Al)
Short time withstand current (I _{cw})	-	4,20 kA/1s	8,40 kA/1s	14,40 kA/1s
Width / Height / Length (mm)	23,6 / 40,6 / 52	24,3 / 49 / 90	32,4 / 46 / 75,8	44,4 / 51 / 97
Screw, hexagonal key	No. 2	No. 3 / 4	No. 3 / 5	No. 3 / 4 / 6
Tightening torque (Nm)	1 Nm (2,5-6 mm ²) 6 Nm (10-16 mm ²)	3 Nm (2,5 - 16 mm ²) 6 Nm (25 - 35 mm ²)	3 Nm (2,5 - 16 mm ²) 6 Nm (25 - 35 mm ²) 10 Nm (50 - 70 mm ²)	3 Nm (2,5 - 16 mm ²) 6 Nm (25 - 35 mm ²) 10 Nm (50 - 70 mm ²) 19 Nm (95 - 120 mm ²)
Mounting	DIN rail	DIN rail, screw	DIN rail, screw	DIN rail, screw
Weight (g)	38	75	84	178
Package (pcs)	36	36	30	12

Dimensions





OJL 400A OJL 400AS* OJL 400AF OJL 400ASF*

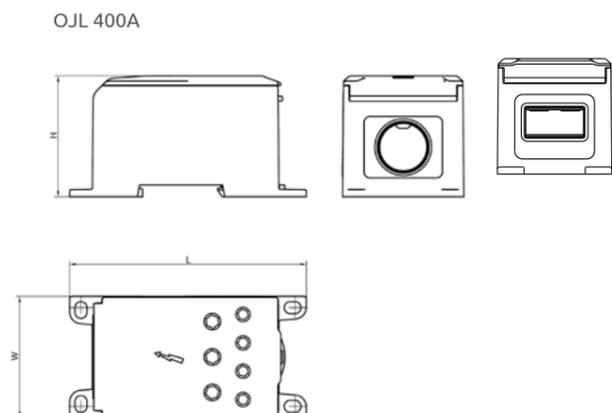
Black / Grey	●	MAB1401S10	MAB1402S10	MAB1403S10	MAB1404S10
Blue / Grey	●	MAB1401B10	-	MAB1403B10	-
Green / Grey	●	MAB1401G10	-	MAB1403G10	-

Technical data

Conductor cross-section	OJL 400A	OJL 400AS*	OJL 400AF	OJL 400ASF*
Input wire Al/Cu (mm ²)	1 x 95 - 240	1 x 95 - 240	1 x Flexible busbar 10 x 24	1 x Flexible busbar 10 x 24
Output wire Cu (mm ²)	4 x 2,5 - 35 3 x 6 - 50	4 x 2,5 - 35 3 x 6 - 50	4 x 2,5 - 35 3 x 6 - 50	4 x 2,5 - 35 3 x 6 - 50
Nominal voltage AC / DC (V)	1000	1000	1000	1000
Nominal current (A)	600 (Cu) / 380 (Al)	600 (Cu) / 380 (Al)	600 (Cu) / 380 (Al)	600 (Cu) / 380 (Al)
Short time withstand current (I _{cw})	28,80 kA/1s	28,80 kA/1s	28,80 kA/1s	28,80 kA/1s
Width / Height / Length (mm)	51,4 / 51,2 / 100,3	51,4 / 51,2 / 100,3	51,4 / 51,2 / 100,3	51,4 / 51,2 / 100,3
Screw, hexagonal key	No. 4 / 5 / 8	No. 4 / 5 / 8	No. 4 / 5	No. 4 / 5
Tightening torque (Nm)	6 Nm (2,5 - 35 mm ²) 10 Nm (6 - 50 mm ²) 19 Nm (95 - 240 mm ²)	6 Nm (2,5 - 35 mm ²) 10 Nm (6 - 50 mm ²) 19 Nm (95 - 240 mm ²)	6 Nm (2,5 - 35 mm ²) 10 Nm (6 - 50 mm ²) 10 Nm (10x Cu 1x25 mm ²)	6 Nm (2,5 - 35 mm ²) 10 Nm (6 - 50 mm ²) 10 Nm (10x Cu 1x25 mm ²)
Mounting	DIN rail, screw	DIN rail, screw	DIN rail, screw	DIN rail, screw
Weight (g)	250	250	247	247
Package (pcs)	8	8	8	8

* Model can be sealed.

Dimensions



OJL busbar adapters are used for connecting OJL connectors to copper or aluminium busbars. Materials: Tin plated copper



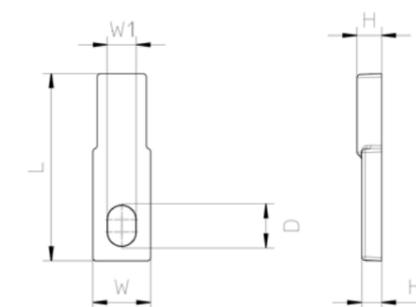
BA 200A BA 280A BA 400A

Grey	MAB1201EBA	MAB1281EBA	MAB1401EBA
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Technical data

Parameter	BA 200A	BA 280A	BA 400A
D	9,8	13,8	13,8
H	5,95	7,25	9,75
H1	4,8	5	5,2
L	45	61	70
W	14	23	30
W1	6,8	10,8	10,8
Weight (g)	22	49	90
Package (pcs)	10	10	10

Dimensions



Moblock distribution blocks are available in two-pole (up to 35 mm² and 125A) and four-pole (up to 50 mm² and 160A) versions. They feature isolated brackets, a removable transparent cover, and convenient installation on DIN rails or panels. With brass conductive parts, galvanized steel connectors, and insulating barriers, these blocks ensure safe and efficient electrical connections.

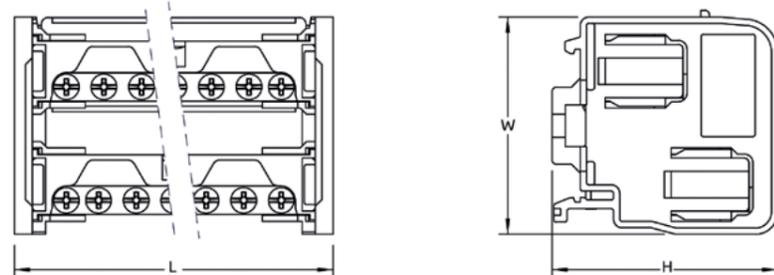


Moblock 2P 125A-7 **Moblock 2P 125A-11** **Moblock 2P 125A-15**

Order code	MAB2124A18	MAB2125A18	MAB2126A18
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Technical data			
Conductor cross section (per pole)			
Input wire Cu (mm ²)	2 x 10 - 35	2 x 10 - 35	2 x 10 - 35
Output wire Cu (mm ²)	5 x 1,5 - 6	7 x 1,5 - 6 / 2 x 10 - 25	11 x 1,5 - 6 / 2 x 10 - 25
Nominal voltage AC / DC (V)	1000	1000	1000
Nominal current (A)	125	125	125
Width / Height / Length (mm)	49 / 52 / 72	49 / 52 / 109	49 / 52 / 137
Short-circuit current peak I _{pk} (kA)	20	19	19
Short-time withstand current (kA/1s)	6	4,2	4,2
Rated surge voltage (kV)	8	8	8
Min. length of insulated wire (mm)	13	13	13
Tightening torque nominal / max. (Nm)	2 / 2,5	2 / 2,5	2 / 2,5
Mounting	DIN rail, screw	DIN rail, screw	DIN rail, screw
Weight (g)	107	152	197
Package (pcs)	4	2	2

Dimensions

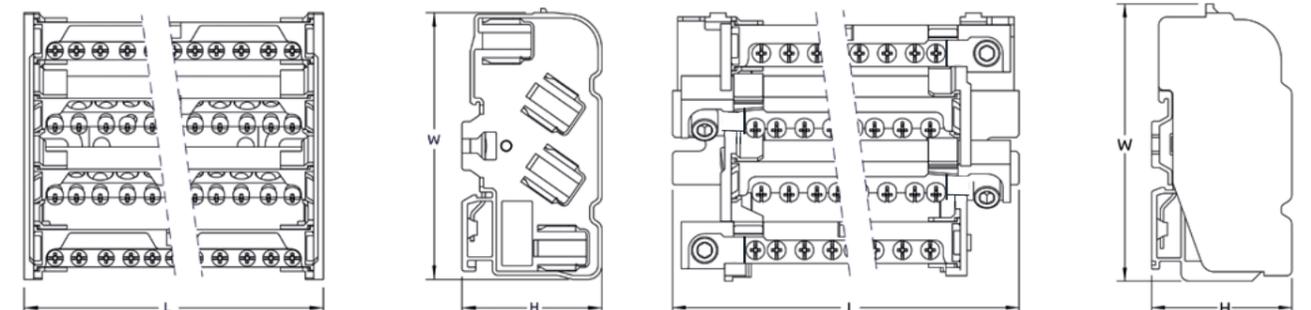


Moblock 4P 125A-7 **Moblock 4P 125A-11** **Moblock 4P 125A-15** **Moblock 4P 160A-9** **Moblock 4P 160A-14**

Order code	MAB4124A18	MAB4125A18	MAB4126A18	MAB4162A18	MAB4163A18
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Technical data					
Conductor cross section (per pole)					
Input wire Cu (mm ²)	2 x 10 - 35	2 x 10 - 35	2 x 10 - 35	1 x 10 - 50	1 x 10 - 50
Output wire Cu (mm ²)	5 x 1,5 - 6	7 x 1,5 - 6 / 2 x 10 - 25	11 x 1,5 - 6 / 2 x 10 - 25	6 x 1,5 - 16 / 2 x 10 - 35	9 x 1,5 - 16 / 4 x 10 - 35
Nominal voltage AC / DC (V)	500	500	500	500	500
Nominal current (A)	125	125	125	160	160
Width / Height / Length (mm)	97 / 52 / 72	97 / 52 / 108	97 / 52 / 137	99 / 54 / 131	99 / 54 / 181
Short-circuit current peak I _{pk} (kA)	20	19	19	38	38
Short-time withstand current (kA/1s)	6	4,2	4,2	6	6
Rated surge voltage (kV)	8	8	8	8	8
Min. length of insulated wire (mm)	13	13	13	13	13
Tightening torque nominal / max. (Nm)	2 / 2,5	2 / 2,5	2 / 2,5	2 / 2,5 (input wire 10 Nm)	2,5 (input wire 10 Nm)
Mounting	DIN rail, screw	DIN rail, screw	DIN rail, screw	DIN rail, screw	DIN rail, screw
Weight (g)	210	300	386	504	696
Package (pcs)	2	1	1	1	1

Dimensions

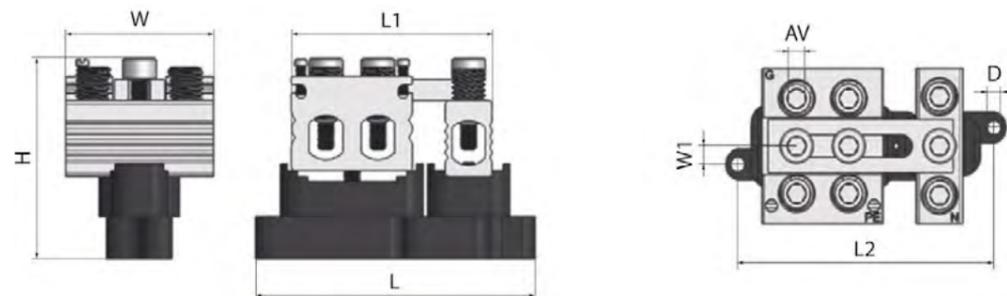


OT-PEN connectors simplify the conversion of TN-C (PEN) systems to TN-S (PE+N) systems by allowing the removal of the connecting bridge between the terminals. Suitable for both copper and aluminium conductors, these connectors feature extra measuring terminals and can be directly screw-mounted to the cabinet's backplate.



	OT-PEN 50	OT-PEN 95	OT-PEN 120	OT-PEN 150	OT-PEN 240
	MAB3050S10	MAB3095S10	MAB3120S10	MAB3150S10	MAB3240S10
Technical data					
Conductor cross-section Cu, Al (mm ²)	1,5 - 50	6 - 95	16 - 120	25 - 150	35 - 240
Nominal voltage (V)	690	690	690	690	690
Amperage (A)	160	245	275	320	425
Width / Height / Length (mm)	44 / 57 / 83	64 / 80 / 83	64 / 87 / 120	64 / 91 / 120	64 / 101,6 / 134,90
Dimensions L1 / L2 / W1 / AV / D (mm)	60 / 76 / 5,25 / 5 / 4	63,5 / 76 / 5,25 / 6 / 4	81,5 / 104 / 21 / 6 / 6	82 / 104 / 21 / 6 / 6	104,5 / 119 / 21 / 8 / 6
Screw, hexagonal key	No. 5	No. 6	No. 6	No. 6	No. 8
Tightening torque (Nm)	1,5 Nm (1,5 - 2,5 mm ²) 5 Nm (4 - 16 mm ²) 10 Nm (25 - 50 mm ²)	5 Nm (6 - 16 mm ²) 22 Nm (25 - 95 mm ²)	5 Nm (16 mm ²) 26 Nm (25 - 120 mm ²)	14 Nm (25 - 50 mm ²) 30 Nm (70 - 150 mm ²)	26 Nm (35 - 120 mm ²) 40 Nm (150 - 240 mm ²)
Mounting	Screw	Screw	Screw	Screw	Screw
Weight (g)	174	356	573	605	813
Package (pcs)	9	9	5	5	5

Dimensions

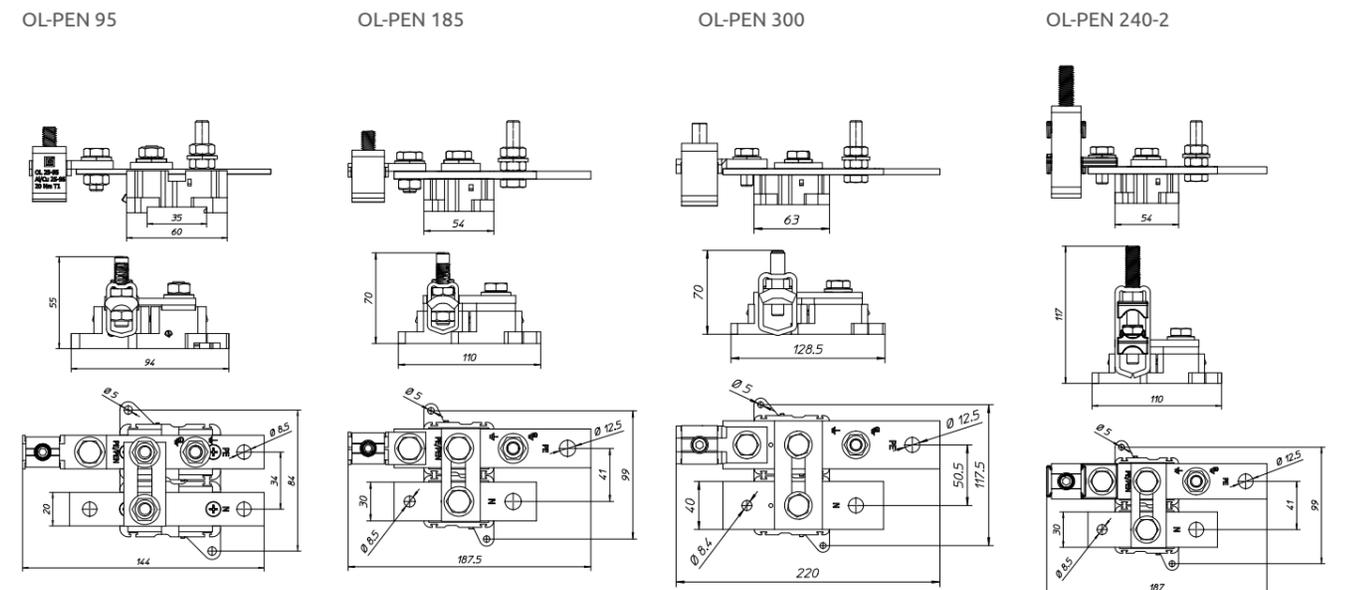


OL-PEN connectors enable the simple conversion of TN-C (PEN) systems to TN-S (PE+N) by removing the connecting bridge between the terminals. These connectors are suitable for use with both copper and aluminium conductors and can be directly screw-mounted to the cabinet's backplate.



	OL-PEN 95	OL-PEN 185	OL-PEN 300	OL-PEN 240-2
	MAJ4095S10	MAJ4185S10	MAJ4300S10	MAJ5240S10
Technical data				
Conductor cross-section Cu, Al (mm ²)	25 - 95	95 - 185	185 - 300	2x 95 - 240
Nominal voltage (V)	690	690	690	690
Amperage (A)	245	361	490	425
Width / Height / Length (mm)	94 / 55 / 144	110 / 70 / 187,5	128,5 / 70 / 220	110 / 86 / 193
Dimensions L1 / W1 / W2 / D / D1 / D2 (mm)	50 / 84 / 34 / 5 / 8,5 / 8,5	43 / 99 / 41 / 5 / 8,5 / 12,5	52 / 117,5 / 50,5 / 5 / 10 / 12,5	43 / 99 / 41 / 5 / 8,5 / 12,5
Screw, hexagonal key (AV)	No. 4	No. 5	No. 6	No. 6
Tightening torque (Nm)	20	30	70	70
Mounting	Screw	Screw	Screw	Screw
Weight (g)	392	882	1248	1074
Package (pcs)	1	1	1	1

Dimensions



PEN connectors enable the simple conversion of TN-C (PEN) systems to TN-S (PE+N) by removing the connecting bridge between the terminals. These connectors are suitable for use with both copper and aluminium conductors and can be directly screw-mounted to the cabinet's backplate.



PEN 95

PEN 185

PEN 300

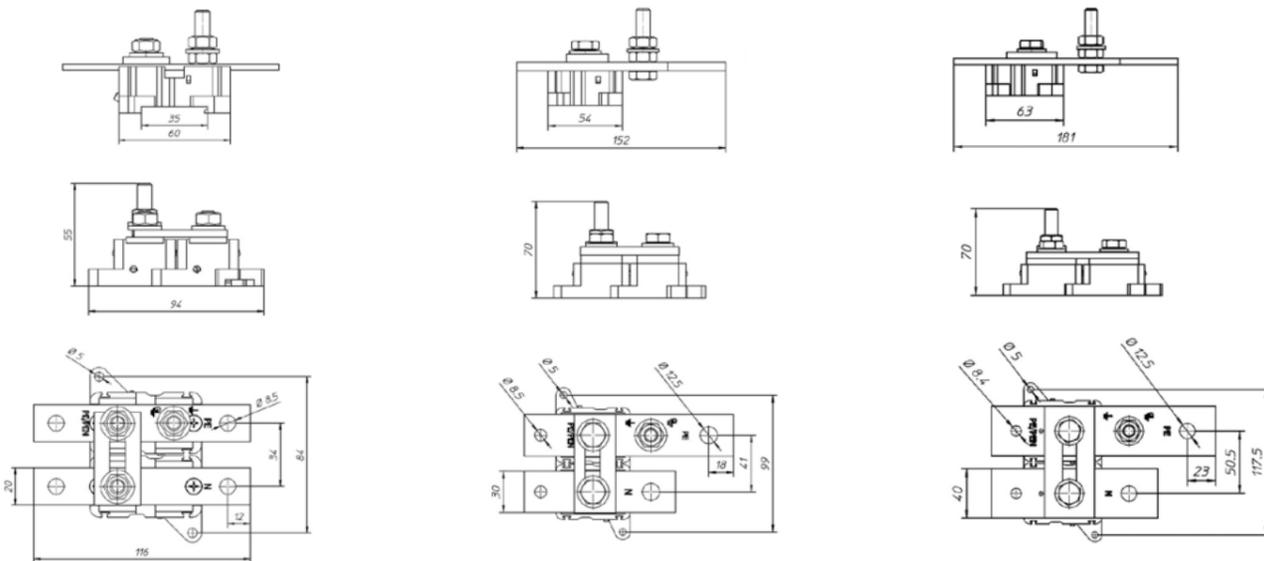
	MAJ4095S11	MAJ4185S11	MAJ4300S11
Technical data			
Nominal voltage (V)	690	690	690
Amperage (A)	245	361	490
Width / Height / Length (mm)	94 / 55 / 116	110 / 70 / 152	128,5 / 70 / 181
Mounting	Screw	Screw	Screw
Weight (g)	316	740	961
Package (pcs)	1	1	1

Dimensions

PEN 95

PEN 185

PEN 300



Insulated universal connectors OLI are intended for connecting copper and aluminium conductors in nominal cross-section from 25 to 300 mm². Connectors are designed for connecting copper or aluminium cables with flexible busbars or with cables with lug. Individual parts are made of stainless steel (clamp), copper (bridge), steel (screw) and plastic (housing). These connectors are heavy duty. Clamping them with stranded conductors does not require modification of wire ends (clamping surface of terminal, not flat screw spot). IP protection class for OLI terminals is IP20.



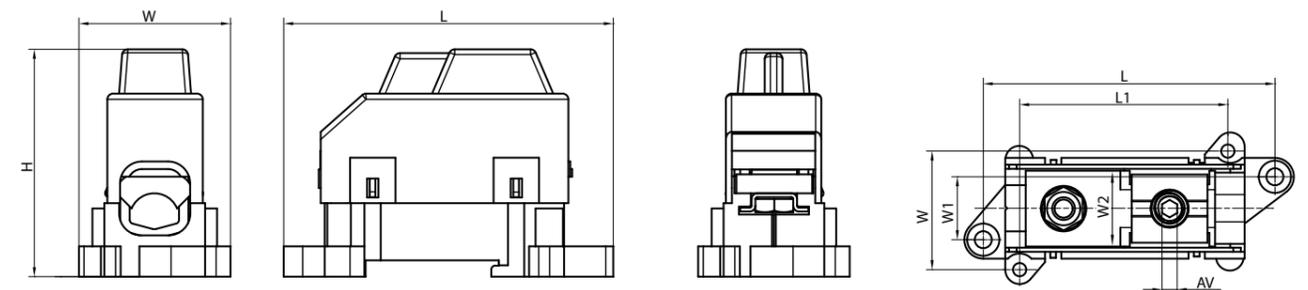
OLI 95

OLI 185

OLI 300

	MAJ1095S10	MAJ1185S10	MAJ1300S10
Technical data			
Conductor cross-section Cu / Al (mm ²)	25 - 95	95 - 185	185 - 300
Nominal voltage (V)	690	690	690
Nominal current (A)	320	400	560
Width / Height / Length (mm) L1 / W1 / W2	40 / 60 / 87 55 / 16,6 / 20	49 / 67 / 113 76,9 / 21,4 / 25	57 / 88 / 143 86,5 / 25 / 32
Screw, hexagonal key (AV)	SW 4	SW 5	SW 6
Tightening torque (Nm)	20	40	70
Mounting	Screw	Screw	Screw
Weight (g)	119	237	444
Package (pcs)	12	10	8

Dimensions



MAE-E Busbar Terminals (1.5–185 mm²)

Reliable screw-type busbar terminals for copper-to-copper or aluminium-to-aluminium conductor connections.

MAE-E busbar terminals provide a robust and space-efficient solution for connecting copper conductors to 5 mm or 10 mm copper busbars. Designed for industrial power distribution, they ensure consistent contact pressure and easy installation. Terminal with integrated holding spring, captive clamping screw and opened terminal space. Indication of nominal cross-section and tightening torque noted on the terminal.

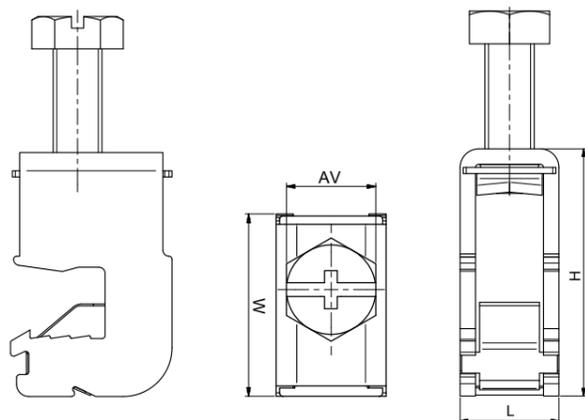
- Quick and easy installation
- Ideal for on-site modifications
- Provides excellent electrical contact
- Visible indication of tightening torque
- Compatible with rigid and flexible conductors
- Galvanized steel body with stainless steel pressure spring
- Hexagonal screw head for controlled tightening
- Suitable for connecting copper conductors to copper busbars and aluminum conductors to aluminum busbars



Mounting	MAE 16E	MAE 35E	MAE 50E	MAE 70E	MAE 120E	MAE 185E
5 mm bar	MAE016SE15	MAE035SE15	MAE050SE15	MAE070SE15	MAE120SE15	MAE185SE15
10 mm bar	MAE016IE15	MAE035IE15	MAE050IE15	MAE070IE15	MAE120IE15	MAE185IE15

Technical data						
Cross-section Cu (mm ²)	1,5 - 16	4 - 35	10 - 50	16 - 70	16 - 120	50 - 185
Flexible busbar max. width (mm)	-	9	9	9	15,5	20
Flexible busbar 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)	25,5 / 26,5 / 12	26,5 / 31,3 / 16,5	26,5 / 35 / 16,5	28 / 39 / 20,5	29 / 46 / 23,5	29 / 55 / 35
Cu bar (th. 10 mm)	25,5 / 29 / 12	26,5 / 36,5 / 16,5	26,5 / 40 / 16,5	28 / 46 / 20,5	29 / 52 / 23,5	29 / 55 / 35
Screw / hexagonal key (AV)	Pz2 / SW 8	Pz3 / SW13	Pz3 / SW13	Pz3 / SW13	Pz3 / SW17	Pz3 / SW17
Tightening torque (Nm)	3	10	10	12	22	22
Weight (g)						
Cu bar (th. 5 mm)	22	44	48	62	88	102
Cu bar (th. 10 mm)	21	45	48	68	90	96
Package (pcs)	40	25	25 / 20	15	10	10

Dimensions



Bimetal Bow Terminals MAE-H (1.5–185 mm²)

MAE-H busbar terminals provide a robust and space-efficient solution for connecting both copper and aluminum conductors to 5 mm or 10 mm copper or aluminum busbars. Designed for industrial power distribution, they ensure consistent contact pressure and easy installation. Terminal with integrated holding spring, captive clamping screw and opened terminal space. Indication of nominal cross-section and tightening torque noted on the terminal. Features a hexagonal head for easy tightening, except on the MAE 35H.

Electrical continuity between dissimilar metals is ensured by an integrated bimetal interface, preventing galvanic corrosion and eliminating the need for additional tin plating or surface treatment.

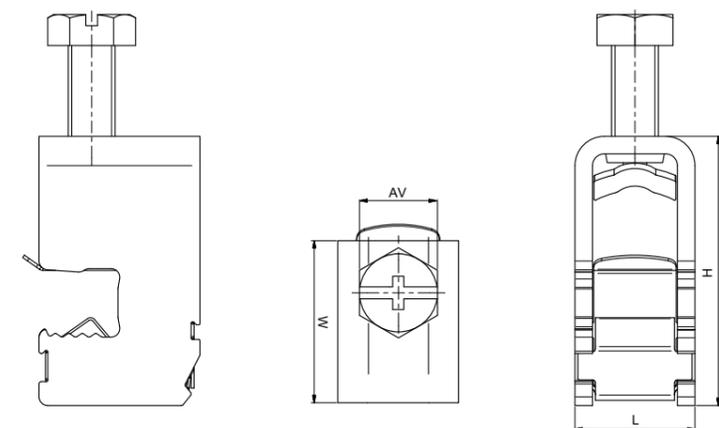
- Quick and easy installation
- Ideal for on-site modifications
- Provides excellent electrical contact
- Visible indication of tightening torque
- Suitable for connecting aluminum cables to copper busbars or copper cables to aluminum busbars without additional TIN plating
- Suitable for connecting Moflex copper flexible busbars to aluminum busbars without additional TIN plating of flexible busbars



Mounting	MAE 16H	MAE 35H	MAE 70H	MAE 120H	MAE 185H
5 mm bar	MAE016SH15	MAE035SH15	MAE070SH15	MAE120SH15	MAE185SH15
10 mm bar	MAE016IH15	MAE035IH15	MAE070IH15	MAE120IH15	MAE185IH15

Technical data					
Cross-section Cu, Al (mm ²)	1,5 - 16	4 - 35	16 - 70	16 - 120	50 - 185
Flexible busbar max. width (mm)	-	9	9	15,5	20
Flexible busbar max. layers	-	6	6	10	10
Nominal voltage AC/DC (V)	1000	1000	1000	1000	1000
Nominal current (A)	180	270	400	440	500
Width / Height / Length (mm)					
5 mm bar	-	26,5 / 32 / 16,5	27,5 / 41 / 21	29 / 46 / 24	29 / 52 / 30
10 mm bar	25,5 / 29 / 12	26,5 / 37 / 16,5	27,5 / 46 / 21	29 / 51 / 24	29 / 56 / 30
Screw / hexagonal key (AV)	Pz2 / SW 8	Pz3	Pz3 / SW13	Pz3 / SW17	Pz3 / SW17
Tightening torque (Nm)	3	6	12	22	22
Weight (g)					
5 mm bar	-	-	-	88	102
10 mm bar	21	45	68	90	102
Package (pcs)	40	25 / 20	15 / 10	10	10

Dimensions

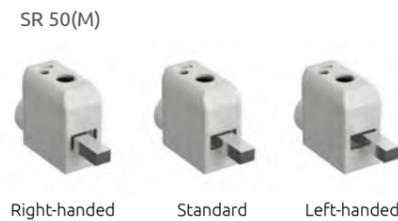


Device connectors SR are designed for connecting aluminum and copper cables directly to devices such as circuit breakers and control equipment. They allow for the reduction of connection cross-sections based on the dimensions of connection openings and wire gauge. The body and tightening screws are made of tin-plated aluminum, ensuring reliable conductivity, while the self-extinguishing polyamide cover provides insulation and fire resistance. The connectors have an IP20 protection class, making them suitable for various electrical installations.

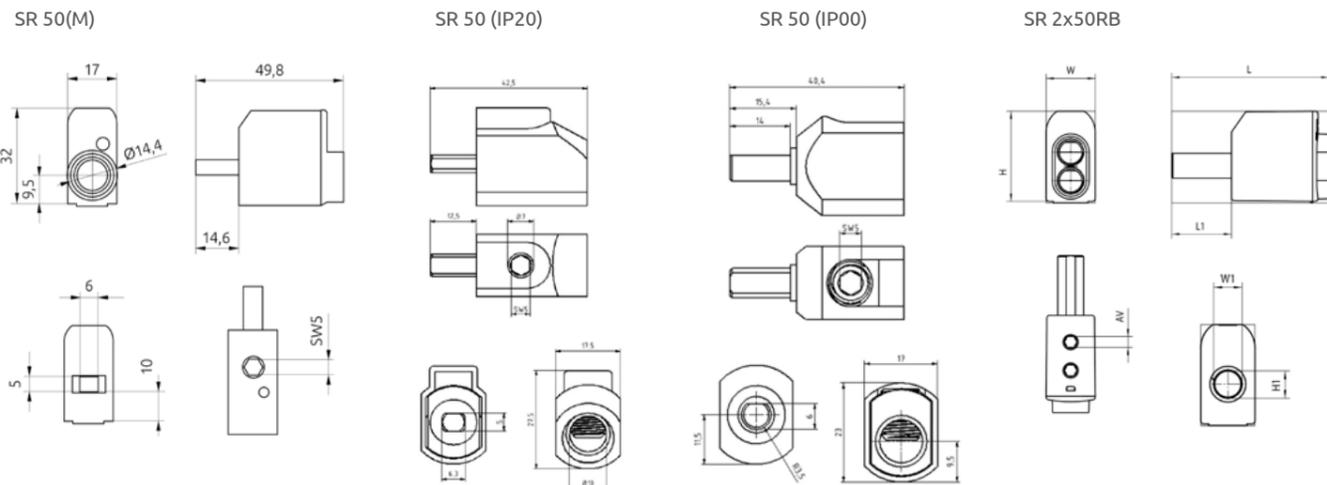


	SR 50	SR 50M	SR 50 (IP20)	SR 50 (IP00)	SR 2x50RB
Left handed		MAC1053A10	-	-	-
Standard	MAC1050A10	MAC1051A10	MAC1056A10	MAC1057A10	MAC2050A10
Right handed		MAC1052A10	-	-	-
Technical data					
Conductor cross-section Cu, Al (mm ²)	6 - 50	6 - 50	2,5 - 50	2,5 - 50	2 x 6 - 50
Measurement wire	-	2,5	-	-	-
Nominal voltage AC / DC (V)	690	690	690	690	690
Nominal current Cu / Al (A)	160 / 100	160 / 100	80 / 75	80 / 75	320 / 250
Width / Height / Length (mm)	17 / 32 / 49,8	17 / 32 / 49,8	17,5 / 27,5 / 42,5	17 / 23 / 40,4	22,4 / 41,2 / 71,8
Dimensions L1 / H1 / H2 / W1 (mm)	14,6 / 5 / 10 / 6	14,6 / 5 / 10 / 6	-	-	27,3 / 11,4 / 10,3 / 11,8
Screw, hexagonal key	No. 5				
Tightening torque (Nm)	6 Nm (6 - 10 mm ²) 10 Nm (16 - 50 mm ²)	6 Nm (6 - 10 mm ²) 10 Nm (16 - 50 mm ²)	3 Nm (2,5 - 6 mm ²) 7 Nm (10 - 50 mm ²)	3 Nm (2,5 - 6 mm ²) 7 Nm (10 - 50 mm ²)	6 Nm (6 - 10 mm ²) 10 Nm (16 - 50 mm ²)
Weight (g)	22,8	23,2	16	16	26,2
Package (pcs)	50	50	50	50	30

Model specification (marking) M - model has connector for measurement I RB - rounded busbar



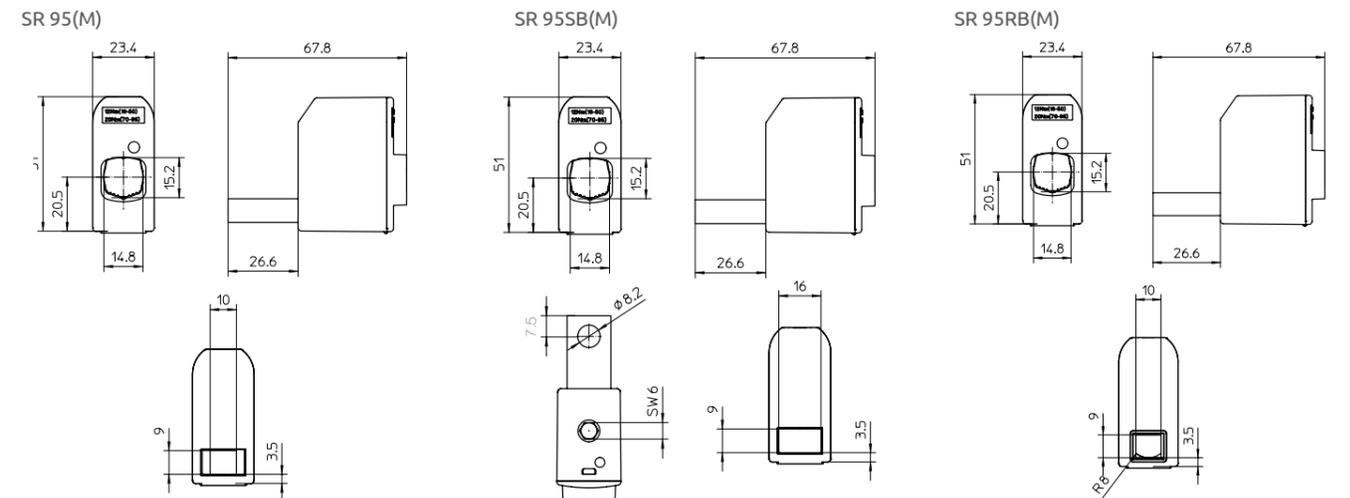
Dimensions



	SR 95	SR 95M	SR 95SBM	SR 95RBM
Standard	MAC9500A10	MAC9501A10	MAC9503A10	MAC9502A10
Technical data				
Conductor cross-section Cu, Al (mm ²)	16 - 95	16 - 95	16 - 95	16 - 95
Measurement wire	-	2,5	2,5	2,5
Nominal voltage AC / DC (V)	690	690	690	690
Nominal current Cu / Al (A)	230 / 180	230 / 180	230 / 180	230 / 180
Width / Height / Length (mm)	23,4 / 51 / 67,8	23,4 / 51 / 67,8	23,4 / 51 / 67,8	23,4 / 51 / 67,8
Dimensions L1 / H1 / H2 / W1 (mm)	26,6 / 9 / 3,5 / 10	26,6 / 9 / 3,5 / 10	26,6 / 9 / 3,5 / 16	16,6 / 9 / 3,5 / 10
Screw, hexagonal key	No. 6	No. 6	No. 6	No. 6
Tightening torque (Nm)	12 Nm (16 - 50 mm ²) 20 Nm (70 - 95 mm ²)	12 Nm (16 - 50 mm ²) 20 Nm (70 - 95 mm ²)	12 Nm (16 - 50 mm ²) 20 Nm (70 - 95 mm ²)	12 Nm (16 - 50 mm ²) 20 Nm (70 - 95 mm ²)
Weight (g)	56	56	58	56 / 58
Package (pcs)	30	30	30	30

Model specification (marking) M - model has connector for measurement I RB - rounded busbar

Dimensions



OL heavy-duty connectors are designed for connecting copper and aluminium conductors ranging from 6 to 2 x 300 mm². With parts made of stainless steel, copper, and steel, these connectors are robust and reliable. They allow for easy clamping of stranded conductors without the need for modifying wire ends, and installation can be done without special tools.



	OL 70	OL 70M	OL 70T	OL 95	OL 95T	OL 150
	MAJ1070E10	MAJ1071E10	MAJ1072E10	MAJ1095E10	MAJ1096E10	MAJ1150E10

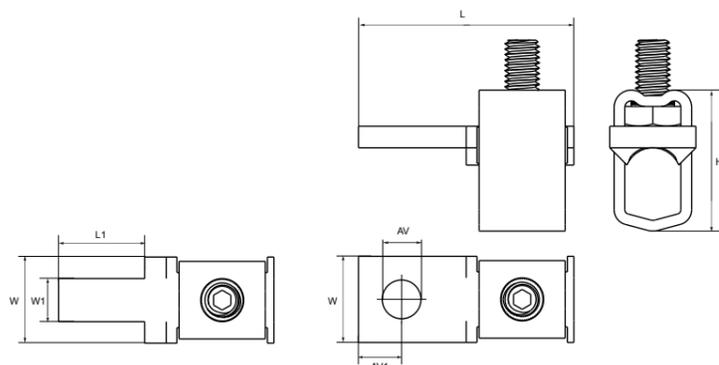
Technical data						
Conductor cross-section Cu, Al (mm ²)	6 - 70	6 - 70	6 - 70	25 - 95	25 - 95	25 - 150
Nominal voltage (V)	690	690	690	690	690	690
Nominal current Cu / Al (A)	270 / 270	270 / 270	270 / 270	320 / 320	320 / 320	285 / 230
Width / Height / Length W1 / L1 (mm)	16,2 / 30 / 37	16,2 / 23 / 37	16,2 / 30 / 38 / 10 / 17	18 / 33 / 50 / 10 / 20	18 / 33 / 50 / 10 / 20	23 / 38 / 60
Diameter of the hole (mm) AV / AV1	7 / 7,5	7 / 7,5	-	9 / 10	-	11 / 13,5
Screw, hexagonal key	No. 4	No. 4	No. 4	No. 4	No. 4	No. 4
Tightening torque (Nm)	5,6	5,6	5,6	20	20	30
Weight (g)	44	36	44	76	69	130
Package (pcs)	30	30	30	15	15	15



	OL 185	OL 240M	OL 300	OL 150-2	OL 240-2	OL 300-2
	MAJ1185E10	MAJ1240E10	MAJ1300E10	MAJ2150E10	MAJ2240E10	MAJ2300E10

Technical data						
Conductor cross-section Cu, Al (mm ²)	95 - 185	95 - 240	185 - 300	2 x 50 - 150	2 x 95 - 240	2 x 185 - 300
Nominal voltage (V)	690	690	690	690	690	690
Nominal current Cu / Al (A)	400 / 400	400 / 400	560 / 560	579 / 455	806 / 631	800 / 800
Width / Height / Length	24 / 40 / 66	26,3 / 40 / 61	32 / 52 / 76	25 / 64 / 59	30 / 78 / 60	38 / 91 / 85
Diameter of the hole (mm) AV / AV1	11 / 12	11 / 12	13 / 17	11 / 12	11 / 13	13 / 20
Screw, hexagonal key	No. 5	No. 5	No. 5	No. 5	No. 6	No. 6
Tightening torque (Nm)	40	40	70	40	70	70
Weight (g)	142	140	287	240	345	544
Package (pcs)	15	15	3	3	3	3

Dimensions



Morek OT-connectors offer a reliable and efficient solution for connecting aluminium and copper cables. Made from durable aluminium with a corrosion-resistant tin plating, they ensure reliable conductivity. Easy to install without special tools, they're ideal for on-site applications and field work.



	OT 50	OT 50-2	OT 95	OT 95-2	OT 95-22	OT 150	OT 150-2	OT 150-22
	MAC1050E10	MAC2050E11	MAC1095E11	MAC2095E11	MAC2095E12	MAC1150E11	MAC2150E11	MAC2150E12

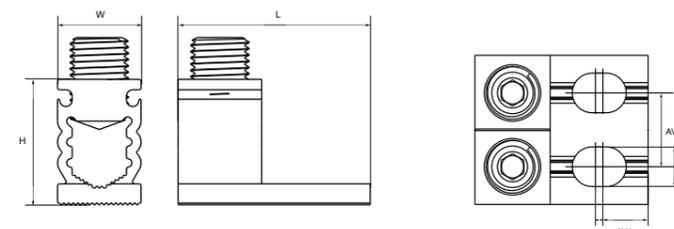
Technical data								
Conductor cross-section Cu / Al (mm ²)	1,5 - 50	2x 1,5 - 50	6 - 95	2x 6 - 95	2x 6 - 95	25 - 150	2x 25 - 150	2x 25 - 150
Nominal voltage AC / DC (V)	1000 / 1500	1000 / 1500	1000 / 1500	1000 / 1500	1000 / 1500	1000 / 1500	1000 / 1500	1000 / 1500
Nominal current Cu / Al (A)	160 / 145	320 / 290	245 / 220	490 / 220	490 / 220	320 / 290	640 / 290	640 / 290
Width / Height / Length (mm)	14 / 21,5 / 35	26,6 / 41 / 21,5	20 / 47 / 26,6	37,5 / 46 / 30	37,5 / 41 / 30	26 / 62 / 36	46,3 / 62 / 37	46,3 / 62 / 37
Hole diameter (mm) AV/AV1+/AV2	8,5 / 10,5	8,5 / 9,5 / +3	13 / 10,5 / +2,5	10,5 / 10,5 / +3	6,5 / 8,5 / +3,5 / 10,5	12,5 / 12,5 / +4	12,5 / 12,5 / +4	8,5 / 10,5 / +3,5 / 22,5
Screw, hexagonal key	No. 5	No. 5	No. 6	No. 6	No. 6	No. 6	No. 6	No. 6
Tightening torque (Nm)	3,5 (1,5 - 10 mm ²) 12 (16 - 50 mm ²)	1,5 (1,5-2,5 mm ²) 5 (4-10 mm ²) 10 (16-50 mm ²)	12 (6-25 mm ²) 22 (35-95 mm ²)	12 (6-25 mm ²) 22 (35-95 mm ²)	12 (6-25 mm ²) 22 (35-95 mm ²)	14 (25-50 mm ²) 35 (70-150 mm ²)	14 (25-50 mm ²) 30 (70-150 mm ²)	14 (25-50 mm ²) 30 (70-150 mm ²)
Weight (g)	10	47	29	69	69	57	118	118
Package (pcs)	30	30	30	30	30	20	20	20



	OT 240	OT 240-2	OT 240-22	OT 300	OT 300-22
	MAC1240E11	MAC2240E11	MAC2240E12	MAC1300E11	MAC2300E11

Technical data					
Conductor cross-section Cu / Al (mm ²)	35 - 240	2x 35 - 240	2x 35 - 240	95 - 300	2x 95 - 300
Nominal voltage AC / DC (V)	1000 / 1500	1000 / 1500	1000 / 1500	1000 / 1500	1000 / 1500
Nominal current Cu / Al (A)	425 / 380	850 / 380	850 / 380	490 / 440	980 / 630
Width / Height / Length (mm)	32 / 74 / 43	55 / 74 / 41	55 / 70 / 41	38 / 75 / 50	63 / 75 / 55
Hole diameter (mm) AV/AV1+/AV2	12,5 / 12,5 / +4	12,5 / 12,5 / +4	10,5 / 12,5 / +3,5 / 27	12,5 / 12,5 / +4	12,5 / 12,5 / +4 / 31
Screw, hexagonal key	No. 8				
Tightening torque (Nm)	26 (35-120 mm ²) 46 (150-240 mm ²)	26 (35-120 mm ²) 40 (150-240 mm ²)	26 (35-120 mm ²) 40 (150-240 mm ²)	30 (95-150 mm ²) 60 (185-300 mm ²)	30 (95-150 mm ²) 60 (185-300 mm ²)
Weight (g)	108	229	229	160	325
Package (pcs)	10	10	10	10	6

Dimensions

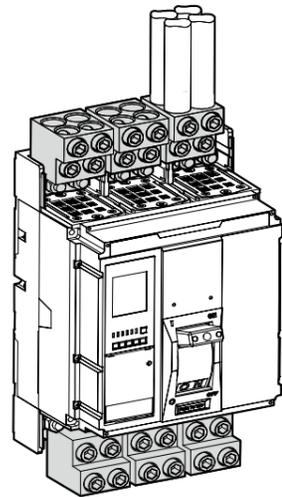


OTH universal connectors directly connect copper and aluminium wires to switchgear devices, allowing for the connection of two, three, or four wires up to 300 mm² without cable lugs. Their compact and economical design features easy installation and a small size.



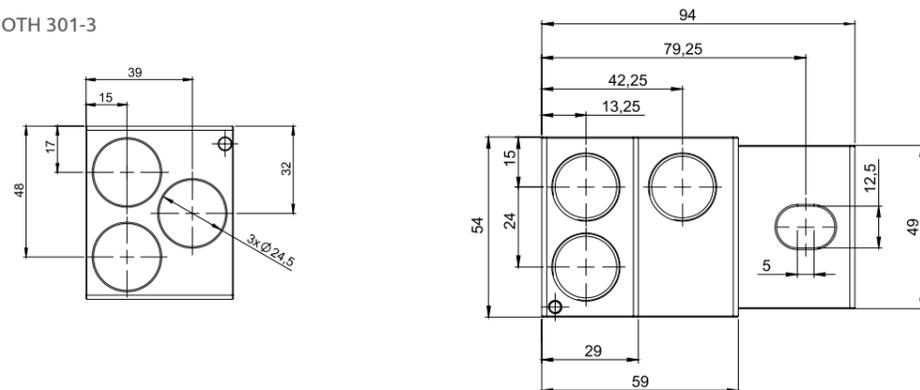
OTH 301-3

MAC3301A14	
Technical data	
Conductor cross-section Cu, Al (mm ²)	3 x 70 - 300 + 1 x 1,5 - 4
Nominal voltage (V)	1000
Nominal current (A)	1250
Width / Height / Length (mm)	54 / 63,5 / 94
Number of mounting holes	1
Diameter connecting hole (mm)	11,5
Screw, hexagonal key	No. 10
The length of the uninsulated conductor (mm)	27 / 56
Tightening torque (Nm)	45
Weight (g)	410
Package (pcs)	2



Dimensions

OTH 301-3



OTH 300-2



OTH 300-3

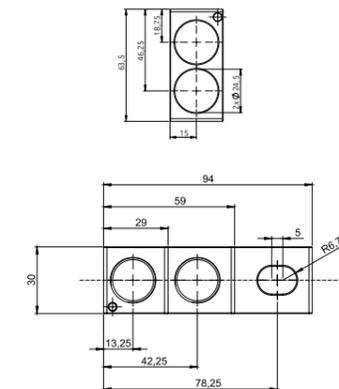
	MAC2300A14	MAC3300A14
Technical data		
Conductor cross-section Cu, Al (mm ²)	2 x 70 - 300 + 1 x 1,5 - 4	3 x 70 - 300 + 1 x 1,5 - 4
Nominal voltage (V)	1000	1000
Nominal current (A)	800	1250
Width / Height / Length (mm)	30 / 63,5 / 94	54 / 63,5 / 94
Number of mounting holes	1	2
Diameter connecting hole (mm)	12,5	11,5
Screw, hexagonal key	No. 10	No. 10
The length of the uninsulated conductor (mm)	27 / 56	27 / 56
Tightening torque (Nm)	45	45
Weight (g)	213	406
Package (pcs)	3	2
Compatibility		
ABB Emax E 1.2 F up to 1600A, Tmax T7 F up to 1600A	No	Yes
ABB Tmax T6 F up to 1000A, Tmax T5 (XT5) up to 630A	Yes	No
Schneider NS630b up to 1600A	No	Yes
Schneider NSX400-630	Yes	No
Eaton NZML4-VE1250, NZM4-XKA up to 1250	No	Yes
Eaton NZMS2-4-VE250, NZMH3-4-VE630	Yes	No
Siemens 3VA66 1000A, 3VA271 1250-1600A	No	Yes
Siemens 3VA5 630A	Yes	No
LS TS630, TS800	Yes	No
Chint NM8N-1600A	No	Yes
Chint NM8N up to 630A	Yes	No
Schrack Technik MX3	Yes	No
Schrack Technik MX4	No	Yes

Contact us if you have further questions about compatibility!

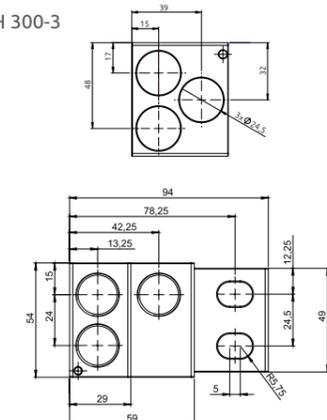
NB! In order to use 300 mm² cables with OTH300 connectors, you need to use shorter screws. Please notify us about it during the purchase and we will supply the screws with your order.

Dimensions

OTH 300-2



OTH 300-3



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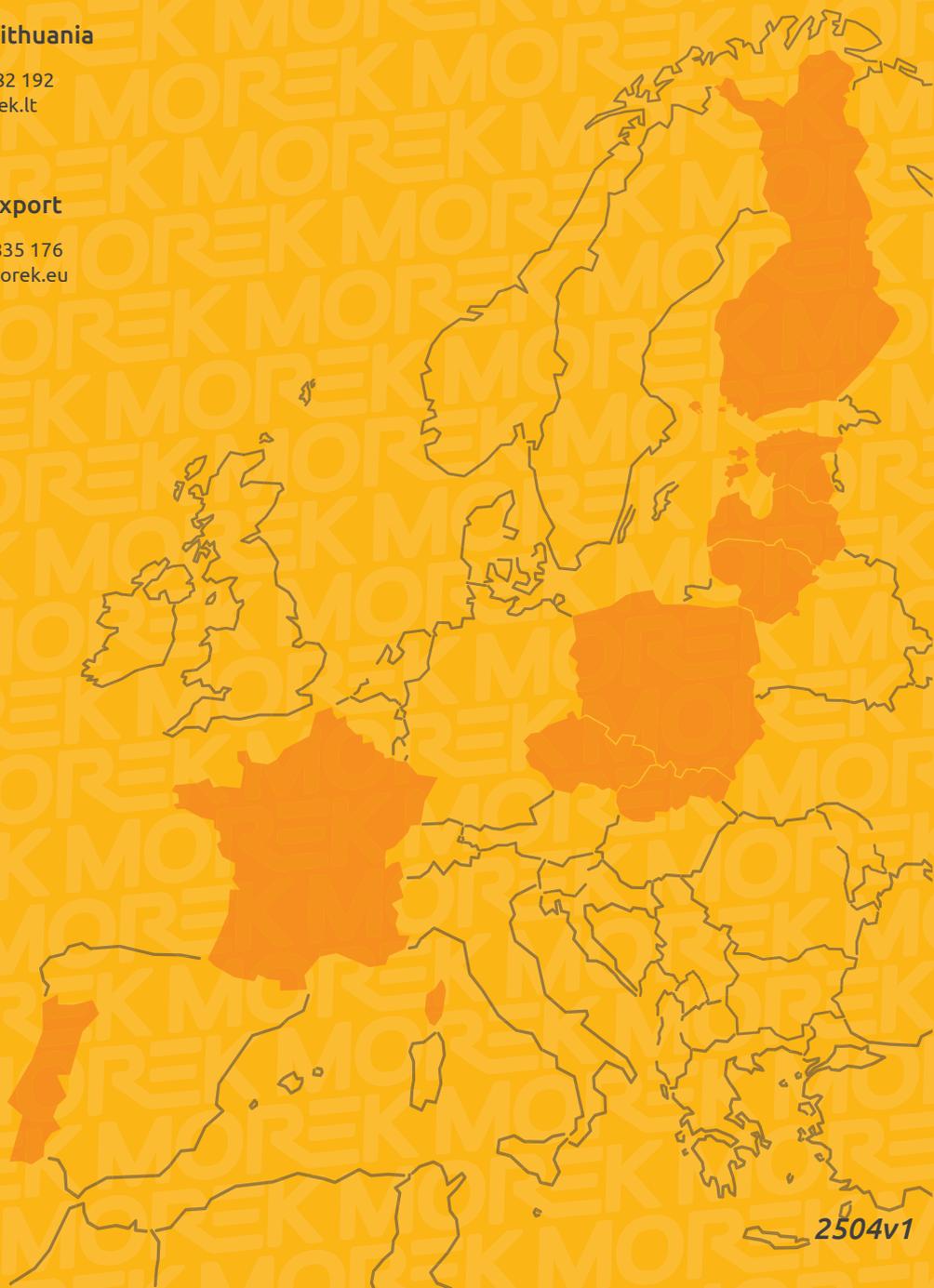
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