

Product information								
Product code	Product name	I_{nAl}	I_{nCu}	U_n	USA specific			
					I_{maxAl}	I_{maxCu}	U_{max}	
MAB1135S10	OJL connector 135	120 A	135 A	1000 V	-	-	-	
MAB1135B10	OJL connector 135 Blue	120 A	135 A	1000 V	-	-	-	
MAB1135G10	OJL connector 135 Green	120 A	135 A	1000 V	-	-	-	

Mounting

Certification and approval	DIN-rail mounting	
<p>CE RoHS FI</p>	<p>Mounting with a screw Max. Ø 5</p>	<p>DIN-rail mounting Set the connector on a DIN-rail. Push until connector locks down.</p> <p>Removing from DIN-rail Release the slider part with a screwdriver Lift the connector.</p>

Connection

Screw size	Screw S_5	M8	Tightening torque M	M_{S1}	25-35 mm ²	6 Nm	Stripping length L	
	SW_{S5}	6	Conductor range IN 1x(Al/Cu) 2,5-35 mm² / 1x (Al/Cu) 2,5-10 mm² OUT: 4x (Cu) 2,5-16mm² / 2x (Cu) 2,5-10 mm² Max. Input wire cross section 35 mm² Max. Output wire cross section 16 mm²	M_{S1}	2,5-16 mm ²	3 Nm	(Input) L1 16 mm	
	Screw H_1	M6		M_{H1}	2,5-16 mm ²	3 Nm	(Output) L2 13 mm	
	SW_{H1}	3		$M_{S1} / M_{S2} / M_{H2}$	2,5-10 mm ²	3 Nm		
	Screw H_2	M6						
	SW_{H2}	3						
Copper conductors	Aluminium conductors	Supported IEC 60228 -conductors				Sector shaped cable		
Max. 3 X CU / Conductor contact space $\leq 35 \text{ mm}^2$ total	1 X AL / Conductor contact space Anti-corrosion paste: e.g. Penetrox	Class 5 & 6 (fine stranded) Using ferrule is recommended Class 1 & 2 (solid and stranded)				Pre-round the cable		

Conductor installation

Connect the **input** conductor when cover is open. Can be used for both copper- or aluminium conductors.
 Note! The Aluminium conductor is allowed only one conductor/one input contact space.
 With the Al-conductors, it's recommended to use anti-corrosion paste. (i.e. Penetrox)
 Remove any layer of oxide by brass or steel brush.
 We recommend a ferrule when using a fine-stranded conductor.

The branching conductors **H1** and **H2** can be connected also when the cover is closed.
Note! It's allowed use only Cu-conductors for branching.
 Support connector during tightening the screws.
 Connector must be installed so that conductors are relieved from strain.

Cross-section of conductors and max. number of conductors/ space (for Cu-conductors). (S / H1 / H2 / H3 / H4)

1,5 mm ²	2,5 mm ²	6 mm ²	10 mm ²	16 mm ²	25 mm ²	35 mm ²	50 mm ²	The specified max. amount of conductors refers only to industrially installed terminals.		
-	3/3/3/3	3/1/1/2	3/1/1/1	2/0/0/1	1/0/0/0	1/0/0/0	-			
								70 mm ²	95 mm ²	120 mm ²
								-	-	-
								150 mm ²	185 mm ²	240 mm ²
								-	-	300 mm ²
								-	-	400 mm ²