

Product data								
Product code	Product name	$I_n Al$	$I_n Cu$	U_n	US specific			
					$I_{max Al}$	$I_{max Cu}$	U_{max}	
VG03-0009	OJL-connector 400 FBB	380 A	600 A	1000 V	-	-	-	-
VG03-0037	OJL-connector 400 FBB Blue	380 A	600 A	1000 V	-	-	-	-
VG03-0038	OJL-connector 400 FBB Green	380 A	600 A	1000 V	-	-	-	-
VG03-0010	OJL-connector 400 FBB S	380 A	600 A	1000 V	-	-	-	-

Installation

Certification and approval	DIN-rail and screw mounting (4xM5)			
 	<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>	<p>Sealing (VG03-0010) It is possible to seal the cover after connecting the conductors.</p>

Connection							
	Screw S_s	M10	Tightening torque M	M_s busbar Cu	10xCu(1x24)	10 Nm	Stripping length L (Output) L1 16 mm
	SW_s	5		M_{H1}	2,5-35 mm ²	6 Nm	
	Screw H_1	M10		M_{H2}	6-50 mm ²	10 Nm	
	SW_{H1}	5					
	Screw H_2	M8	Conductor range	3xCu(6-50 mm²) / 4xCu(2,5-35mm²)			
	SW_{H2}	4	Max. Input busbar size	10x(1x24) mm²			
			Max. Output conductor size	50 mm²			
Copper conductors	Aluminium conductors	Supported IEC 60228 -conductors				Sector shaped cable	
Max. 3 X CU / Conductor contact space ≤ 240 mm ² total	Not allowed	<p>Class 5 & 6 (fine stranded) Using ferrule is recommended</p> <p>Class 1 & 2 (solid and stranded)</p>				 Pre-round the cable	

Conductor Installation

Connect the **input** busbar when cover is open.
Only copper conductors and busbars can be used.
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 (Excluding VG03-0010).
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). (H1 / H2)

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.		
-	3/0	3/3	3/3	2/3	1/2	1/1	0/1			
			70 mm ²	95 mm ²	120 mm ²	150 mm ²	185 mm ²	240 mm ²	300 mm ²	400 mm ²
			-	-	-	-	-	-	-	-