

Product data									
Product code	Product name	1	1 -	Un	US specific				
r roddet code	Floductilaille	In Al	I _{n Cu}	O _n	I _{max Al}	I _{max Cu}	U _{max}		
VG03-0007	OJL-connector 400 C	380 A	600 A	1000 V	-	-	-		
VG03-0035	OJL-connector 400 C Blue	380 A	600 A	1000 V	-	-	-		
VG03-0036	OJL-connector 400 C Green	380 A	600 A	1000 V	-	-	-		
VG03-0008	OJL-connector 400 C S	380 A	600 A	1000 V	-	-	-		

Installation

Certification and approval



Mounting with a screw Max. Ø 5

DIN-rail mounting Set the connector on a DINrail. Push until connector locks down.



DIN-rail and screw mounting (4xM5)

Removing from DIN-rail Release the slider part with a screwdriver. Lift the connector.



Sealing (VG03-0008) It is possible to seal the cover after connecting the conductors.

(EROHS F)

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Connection								
Screw	Screw _S	M16	Tightening torque M	Ms	95-240 mm²	25 Nm	Stripping length L	
sw	SW_S	8		Мн	2,5-35 mm ²	6 Nm	(Input) L1	30 mm
	Screw H1	M8		M _{H2}	6-50 mm ²	10 Nm	(Output) L2	16 mm
	SW _{H1}	4					L ₁₂	
	Screw H2	M10	Conductor range	1xAI/C	u 95-240/ 3xCu(6-50 m	nm²)/ 4xCu(2,5-35mm²)	 • • •	
	SW _{H2}	5	Max. Input conductor	size		240 mm²		
			Max. Output conduct	or size		50 mm²		
Copper conductors	Aluminiu	m conductors		Supported I	EC 60228 -conductors		Sector shaped cal	ole
Max. 3 X CU / Conductor contact space		Conductor act space		Class 5	& 6 (fine stranded) Using recommended	g ferrule is	\longrightarrow	

≤ 240 mm² total

Anti-corrosion paste: e.g. Penetrox



Class 1 & 2 (solid and stranded)







Conductor installation

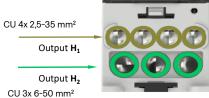
Connect the input conductor when cover is open. Can be used for both copper- or aluminium conductors. Note!

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 brushing.

We recommend a ferrule when using a fine-stranded conductor.

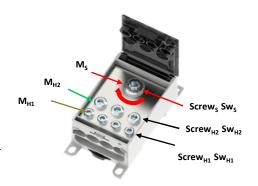




The branching conductors H1 and H2 can be connected also when the cover is closed (Excluding VG03-0008). Note! It's allowed use only Cu-conductors for branching. Ferrules recommended to use.

Support connector during tightening the screws.

Connector must be installed so that conductors are relieved from strain.



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 specific	The specified max. amount of conductors refers only to industrially installed terminals.		
-	0/3/0	0/3/3	0/3/3	0/2/3	0/1/2	0/1/1	0/0/1	conductors			
								Industrially	installed terminals.		
			70 mm ²	95 mm ²	120 mm ²	150 mm ²	185 mm ²	240 mm ²	300 mm ²	400 mm ²	
				2/0/0	2/0/0	1/0/0	1/0/0	1/0/0	_		

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