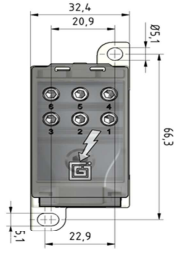


Product data

Product code	Product name	I _{n Al}	I _{n Cu}	U _n	US specific		
					I _{max Al}	I _{max Cu}	U _{max}
VG03-0006	OJL-connector 200	160 A	200 A	1000 V	-	-	-
VG03-0031	OJL-connector 200 Blue	160 A	200 A	1000 V	-	-	-
VG03-0032	OJL-connector 200 Green	160 A	200 A	1000 V	-	-	-

Installation
Certification and approval
DIN-rail and screw mounting (2xM5)

Mounting with a screw
Max. Ø 5

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

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

Connection

Screw	Screw S	M10	Tightening torque M	M _s	50-70 mm ²	10 Nm	Stripping length L
	Screw H ₁	M6		M _{H1}	2,5-16 mm ²	3 Nm	(Input) L1
							SW _{H1}
	Screw H ₂	M6	Conductor range	1xAl/Cu (10-70mm ²)/ 6x(2,5-16mm ²)			
	SW _{H2}	3	Max. Input conductor size	70 mm ²			
			Max. Output conductor size	16 mm ²			

Copper conductors	Aluminium conductors	Supported IEC 60228 -conductors		Sector shaped cable
Max. 3 X CU / Conductor contact space ≤ 70 mm ² total	1 X AL / Conductor contact space Anti-corrosion paste: e.g. Penetrox		Class 5 & 6 (fine stranded) Using ferrule is recommended	 Pre-round the cable
			Class 1 & 2 (solid and stranded)	

Conductor installation

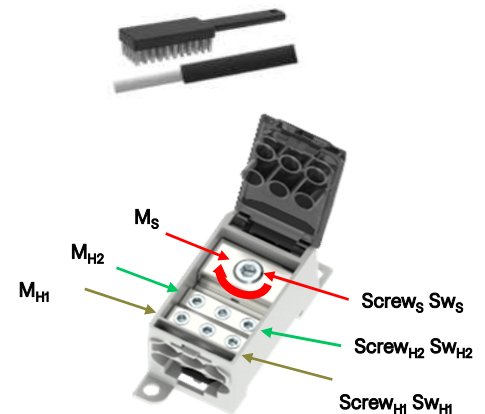
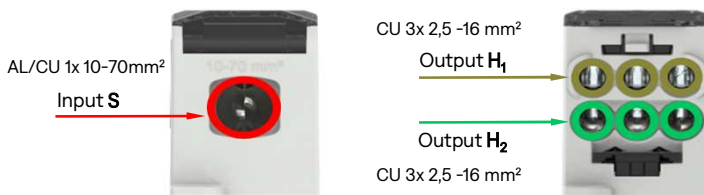
Connect the **input** conductor when cover is open. Can be used for both copper- or aluminium conductors.

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 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. End sleeves recommended to use.

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)

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.		
-	0 / 3 / 3	0 / 2 / 2	3 / 1 / 1	3 / 1 / 1	2 / 0 / 0	2 / 0 / 0	1 / 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
			1 / 0 / 0	-	-	-	-	-	-	-