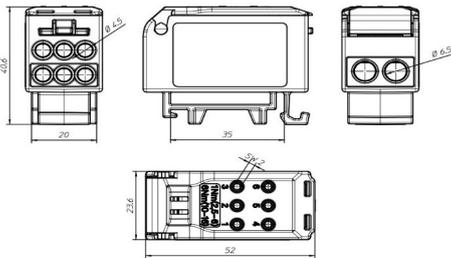


**Product data**

Product code	Product name	I <sub>n Al</sub>	I <sub>n Cu</sub>	U <sub>n</sub>	US specific		
					I <sub>max Al</sub>	I <sub>max Cu</sub>	U <sub>max</sub>
VG03-0059	OJL connector 80	75 A	80 A	1000 V AC / 1500 V DC	-	-	-
VG03-0060	OJL connector 80 Blue	75 A	80 A	1000 V AC / 1500 V DC	-	-	-
VG03-0061	OJL connector 80 Green	75 A	80 A	1000 V AC / 1500 V DC	-	-	-
VG03-0068	OJL connector 80 Grey PA66	75 A	80 A	1000 V AC / 1500 V DC	-	-	-
VG03-0069	OJL connector 80 Blue PA66	75 A	80 A	1000 V AC / 1500 V DC	-	-	-
VG03-0070	OJL connector 80 Green PA66	75 A	80 A	1000 V AC / 1500 V DC	-	-	-

**Installation**
**Certification and approval**

**Din rail mounting**


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

**Removing from DIN-rail**  
Release the plastic snap with a screwdriver. Lift the connector.

**Connection**

Screw	Screw <sub>1</sub>	M6	Tightening torque M	M <sub>H1</sub>	2,5-6 mm <sup>2</sup>	1 Nm	Stripping length L
	Screw <sub>2</sub>	M4					
	SW <sub>2</sub>	2					
			Conductor range	IN 2x(Al/Cu) 2,5-16 mm <sup>2</sup> OUT: 6x (Cu) 2,5-6mm <sup>2</sup>			
			Max. Input conductor size	16 mm <sup>2</sup>			
			Max. Output conductor size	6 mm <sup>2</sup>			
<b>Copper conductors</b>	<b>Aluminium conductors</b>		<b>Supported IEC 60228 -conductors</b>				<b>Sector shaped cable</b>
Max. 3 X CU / Conductor contact space  ≤ 16 mm <sup>2</sup> 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**

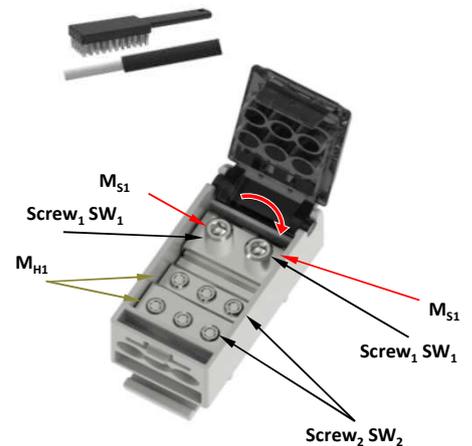
Connect the **input** conductor when cover is open. Can be used for both copper- or aluminium conductors.

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 number of conductors / contact space. (S1 / H1)**

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