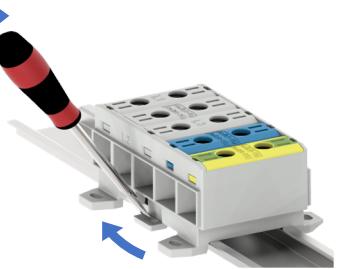
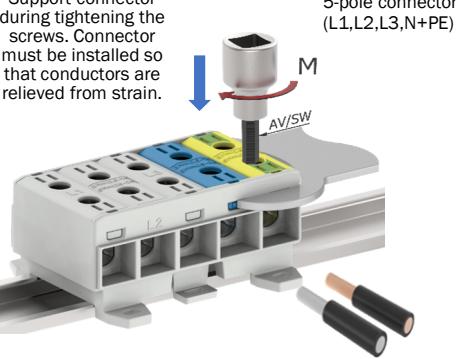


Product data														
Product code	Product name	I _{n Al}	I _{n Cu}	U _n	US specific									
					I _{max Al}	I _{max Cu}	U _{max}							
VC05-0012	OTL-connector 5x1xAl/Cu 2,5-35mm ² (Grey)	120 A	135 A	1000 V AC / 1500 V DC	90 A	115 A	1000 V							
Installation														
Certification and approval			DIN-rail and screw (M4) mounting											
 			   DIN-rail mounting Set the connector on DIN-rail. Push until connector locks down. Screw mounting Use max. Ø4 mm screw. Removing from DIN-rail Release the plastic snap with a screwdriver. Lift the connector.											
Connection														
Screw 			Screw	M8	Tightening torque M	2,5-16 mm ² (6-14 AWG)	3 Nm	Stripping length L						
			SW	4		25-35 mm ² (2-4 AWG)	6 Nm	15 mm						
			Conductor range											
			5x1xAl/Cu 2,5-35 mm ²											
Copper conductors		Supported IEC 60228-conductors												
Max. 3 X CU / Conductor contact space		 Class 5 & 6 (fine stranded) Using ferrule is recommended												
 ≤ 35 mm ² total		 Anti-corrosion paste: e.g. Penetrox												
		 Class 1 & 2 (solid and stranded)												
Conductor installation			Marking											
Support connector during tightening the screws. Connector must be installed so that conductors are relieved from strain. 			 5 mm width (Eg. Partex TX)											
														
			Each protective or neutral conductor must have their own conductor space. SFS 6000:2007 clause 810.7											
Cross section and max. number of Cu-conductors / contact space (Al-conductors in parenthesis)														
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 (1)	3 (1)	3 (1)	2 (1)	1 (1)	1 (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				
			-	-	-	-	-	-	-					
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