



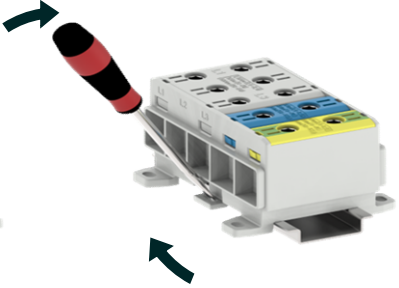

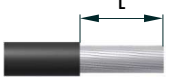





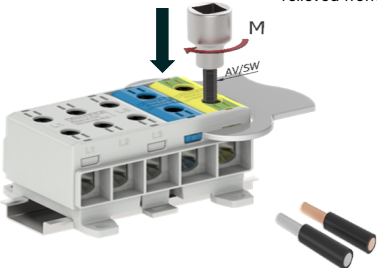




Product data								
Product code	Product name	I_{nAl}	I_{nCu}	U_n	US specific			
					I_{maxAl}	I_{maxCu}	U_{max}	
VC05-0523	OTL-connector 5x(1xAl/Cu 1,5-50mm ²) Grey	145 A	160 A	1000 V AC / 1500 V DC	-	-	-	

Certification and approval	DIN-rail and screw (M4) mounting	
 	 <p>DIN-rail mounting Set the connector on DIN-rail. Push until connector locks down.</p>	 <p>Screw mounting Use max. Ø4 mm screw.</p>
		 <p>Removing from DIN-rail Release the plastic snap with a screwdriver. Lift the connector.</p>

Connection							
Screw size 	Screw	M10	Tightening torque M	1,5-2,5 mm ² (14-16 AWG)	1,5 Nm	Stripping length L	
		SW		5	4-10 mm ² (8-12 AWG)		
				16-50 mm ² (1/0-6 AWG)	10 Nm		
			Conductor range	5x1xAl/Cu 1,5-50 mm²			
			Max. Conductor	50 mm²			

Copper conductors	Aluminium conductors	Supported IEC 60228 -conductors		Sector shaped cable
Max. 3 X CU / Conductor contact space  ≤ 50 mm ² 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	Marking	Attention!
Remove any oxide layer by brushing with a brass or a steel brush.  Use protective grease (e.g. Penetrox) and brush grease on the contact surfaces of the conductor.  5-pole connector (L1,L2,L3,N+PE) Support connector during tightening the screws. Connector must be installed so that conductors are relieved from strain.	 5 mm width (Eg. Partex TX) Compatible terminal shroud OD02-0847	The installation must always be done in accordance with the international standard in compliance with national legislation.  Each protective or neutral conductor must have their own conductor space. SFS 6000-7-729

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)	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
			-	-	-	-	-	-	-	-