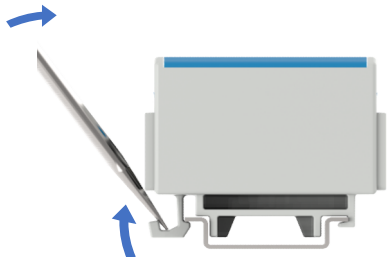
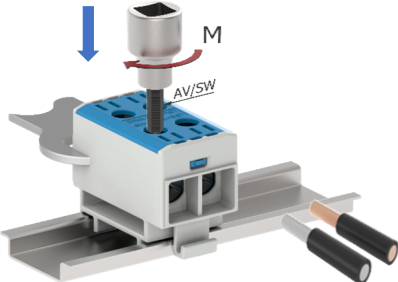


Product data							
Product code	Product name	$I_{n\ Al}$	$I_{n\ Cu}$	U_n	US specific		
					$I_{max\ Al}$	$I_{max\ Cu}$	U_{max}
VC05-0153	OTL-connector 2xAl/Cu 2,5-35mm ² (Grey)	120 A	270 A	1000 V AC / 1500 V DC	90 A	2x115 A	1000 V
VC05-0154	OTL-connector 2xAl/Cu 2,5-35mm ² (Blue)	120 A	270 A	1000 V AC / 1500 V DC	90 A	2x115 A	1000 V
VC05-0155	OTL-connector 2xAl/Cu 2,5-35mm ² (Yellow Green)	120 A	270 A	1000 V AC / 1500 V DC	90 A	2x115 A	1000 V
VC05-0479	OTL-connector 2xAl/Cu 2,5-35mm ² (Red)	120 A	270 A	1000 V AC / 1500 V DC	90 A	2x115 A	1000 V
VC05-0480	OTL-connector 2xAl/Cu 2,5-35mm ² (Black)	120 A	270 A	1000 V AC / 1500 V DC	90 A	2x115 A	1000 V

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	M8	Tightening torque M	2,5-16 mm ² (6-14 AWG)	3 Nm
		SW	4		25-35 mm ² (2-4 AWG)	6 Nm
				Conductor range	2xAl/Cu 2,5-35 mm²	
Copper conductors		Aluminium conductors		Supported IEC 60228 -conductors		Sector shaped cable
Max. 3 X CU / Conductor contact space  ≤ 35 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!
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
			-	-	-	-	-	-	-