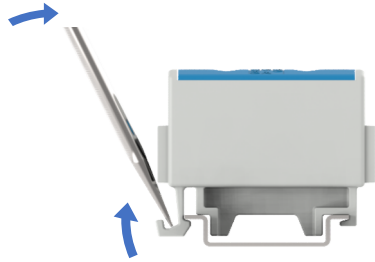
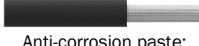
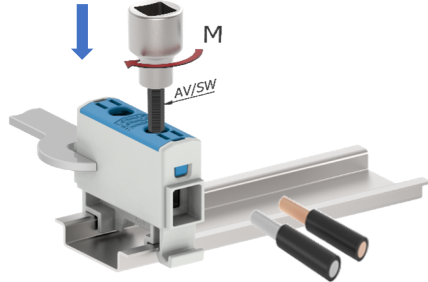


Product data							
Product code	Product name	$I_{n\ Al}$	$I_{n\ Cu}$	U_n	US specific		
					$I_{max\ Al}$	$I_{max\ Cu}$	U_{max}
VC05-0010	OTL-connector 1xAl/Cu 1,5-16mm ² (Grey)	75 A	82 A	1000 V AC / 1500 V DC	65 A	85 A	1000 V
VC05-0001	OTL-connector 1xAl/Cu 1,5-16mm ² (Blue)	75 A	82 A	1000 V AC / 1500 V DC	65 A	85 A	1000 V
VC05-0045	OTL-connector 1xAl/Cu 1,5-16mm ² (Yellow/Green)	75 A	82 A	1000 V AC / 1500 V DC	65 A	85 A	1000 V
VC05-0140	OTL-connector 1xAl/Cu 1,5-16mm ² (Red)	75 A	82 A	1000 V AC / 1500 V DC	65 A	85 A	1000 V
VC05-0141	OTL-connector 1xAl/Cu 1,5-16mm ² (Black)	75 A	82 A	1000 V AC / 1500 V DC	65 A	85 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	M8	Tightening torque M
	SW	4	1,5 mm ² (16 AWG) 1,5 Nm
			2,5-6 mm ² (10-14 AWG) 3,5 Nm
			10-16 mm ² (4-8 AWG) 7 Nm
			Conductor range 1xAl/Cu 1,5-16 mm ²
Copper conductors	Aluminium conductors	Supported IEC 60228 -conductors	
Max. 3 X CU / Conductor contact space  ≤ 16 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)	Sector shaped cable  Pre-round the cable
Conductor installation Support connector during tightening the screws. Connector must be installed so that conductors are relieved from strain. 	Marking  5 mm width (Eg. Partex TX)	Attention!  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)	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
			-	-	-	-	-	-	-

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