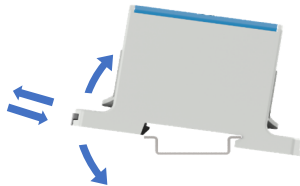
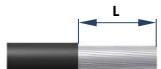
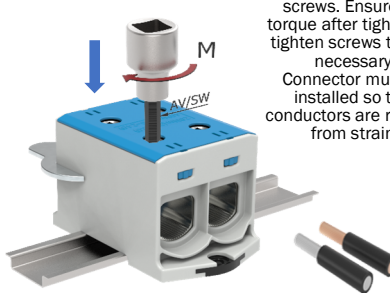


Product data							
Product code	Product name	I_n Al	I_n Cu	U_n	US specific		
					I_{max} Al	I_{max} Cu	U_{max}
VC05-0037	OTL-connector 2xAl/Cu 35-240mm ² (Grey)	380 A	850 A	1000 V AC / 1500 V DC	310 A	2x380 A	1000 V
VC05-0038	OTL-connector 2xAl/Cu 35-240mm ² (Blue)	380 A	850 A	1000 V AC / 1500 V DC	310 A	2x380 A	1000 V
VC05-0039	OTL-connector 2xAl/Cu 35-240mm ² (Yellow/Green)	380 A	850 A	1000 V AC / 1500 V DC	310 A	2x380 A	1000 V
VC05-0483	OTL-connector 2xAl/Cu 35-240mm ² (Red)	380 A	850 A	1000 V AC / 1500 V DC	310 A	2x380 A	1000 V
VC05-0484	OTL-connector 2xAl/Cu 35-240mm ² (Black)	380 A	850 A	1000 V AC / 1500 V DC	310 A	2x380 A	1000 V

Installation	
Certification and approval	DIN-rail and screw (M5) 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.   Use max. Ø5 mm screw.

Connection							
Screw	Screw	M20	Tightening torque M	35-120 mm² (250 kcmil-2 AWG)	26 Nm	Stripping length L	30 mm
	SW	8		150-240 mm² (500-300 kcmil)	40 Nm		
			Conductor range		2xAl/Cu 35-240 mm²		
Copper conductors		Aluminium conductors		Supported IEC 60228 -conductors		Sector shaped cable	
Max. 3 X CU / Conductor contact space		1 X AL / Conductor contact space		Class 5 & 6 (fine stranded) Using ferrule is recommended			
				Class 1 & 2 (solid and stranded)		Pre-round the cable	
≤ 240 mm² total		Anti-corrosion paste: e.g. Penetrox					
Conductor installation			Marking			Attention!	
							
Support connector during tightening the screws. Ensure the torque after tightening, tighten screws twice if necessary. 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)		
			70 mm ²	95 mm ²	120 mm ²	150 mm ²	185 mm ²	240 mm ²	300 mm ²
			3 (1)	2 (1)	2 (1)	1 (1)	1 (1)	1 (1)	-