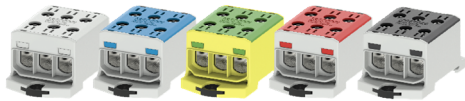
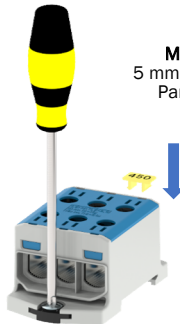
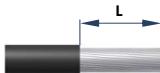
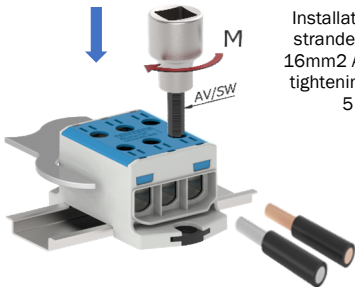
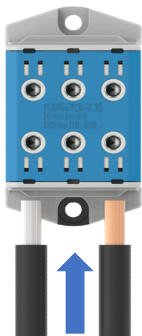


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Product data							
Product code	Product name	I_n Al	I_n Cu	U_n	US specific		
					I_{max} Al	I_{max} Cu	U_{max}
VC05-0233	OTL-connector 3xAl/Cu 1,5-50mm ² (Grey)	290 A	320 A	1000 V AC / 1500 V DC	120 A	150 A	1000 V
VC05-0236	OTL-connector 3xAl/Cu 1,5-50mm ² (Blue)	290 A	320 A	1000 V AC / 1500 V DC	120 A	150 A	1000 V
VC05-0237	OTL-connector 3xAl/Cu 1,5-50mm ² (Yellow/Green)	290 A	320 A	1000 V AC / 1500 V DC	120 A	150 A	1000 V
VC05-0485	OTL-connector 3xAl/Cu 1,5-50mm ² (Red)	290 A	320 A	1000 V AC / 1500 V DC	120 A	150 A	1000 V
VC05-0486	OTL-connector 3xAl/Cu 1,5-50mm ² (Black)	290 A	320 A	1000 V AC / 1500 V DC	120 A	150 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.  Marking 5 mm width (Eg. Partex TX)  Use max. Ø5 mm screw.

Connection							
	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)	5 Nm		
				16-50 mm ² (1/0-6 AWG)	10 Nm		
	Conductor range			3xAl/Cu 1,5-50 mm ²			
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			 Pre-round the cable	
 ≤ 50 mm ² total		Anti-corrosion paste: e.g. Penetrox					
Conductor installation			Input			Attention!	
Support connector during tightening the screws. Connector must be installed so that conductors are relieved from strain.			Use outermost input holes with two cable input.			 Each protective or neutral conductor must have their own conductor space. SFS 6000:2007 clause 810.7	
 Installation for one stranded (Class 1) 16mm ² Al-conductor tightening torque is 5 Nm.							

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
			-	-	-	-	-	-	-

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