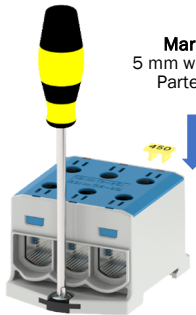
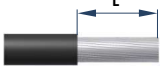
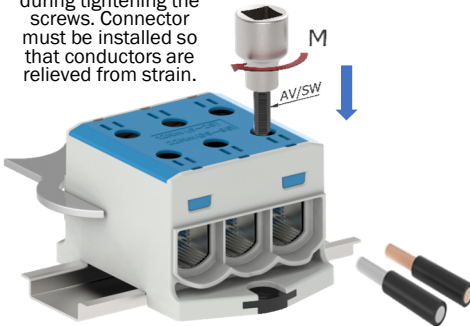
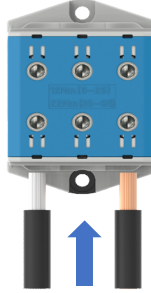


Product data								
Product code	Product name	I_n Al	I_n Cu	U_n	US specific			
					I_{max} Al	I_{max} Cu	U_{max}	
VC05-0234	OTL-connector 3xAl/Cu 6-95mm ² (Grey)	440 A	490 A	1000 V AC / 1500 V DC	180 A	2x230 A	1000 V	
VC05-0238	OTL-connector 3xAl/Cu 6-95mm ² (Blue)	440 A	490 A	1000 V AC / 1500 V DC	180 A	2x230 A	1000 V	
VC05-0239	OTL-connector 3xAl/Cu 6-95mm ² (Yellow/Green)	440 A	490 A	1000 V AC / 1500 V DC	180 A	2x230 A	1000 V	
VC05-0487	OTL-connector 3xAl/Cu 6-95mm ² (Red)	440 A	490 A	1000 V AC / 1500 V DC	180 A	2x230 A	1000 V	
VC05-0488	OTL-connector 3xAl/Cu 6-95mm ² (Black)	440 A	490 A	1000 V AC / 1500 V DC	180 A	2x230 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 	Thread M14		Tightening torque M 6-25 mm² (3-10 AWG)12 Nm 35-95 mm² (4/0-2 AWG)22 Nm		Stripping length L 20 mm	
	SW 6					
			Conductor range 3xAl/Cu 6-95 mm²			
Copper conductors Max. 3 X CU / Conductor contact space  ≤ 95 mm² total	Aluminium conductors 1 X AL / Conductor contact space  Anti-corrosion paste: e.g. Penetrox	Supported IEC 60228 -conductors  Class 5 & 6 (fine stranded) Using ferrule is recommended  Class 1 & 2 (solid and stranded)			Sector shaped cable  Pre-round the cable	
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	

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)	2 (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
			1 (1)	1 (1)	-	-	-	-	-	-