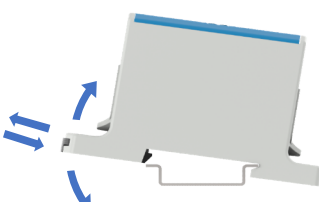
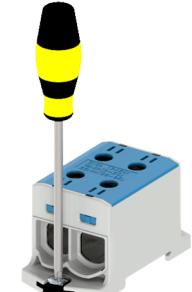


Product data

Product code	Product name	I_n Al	I_n Cu	U_n	US specific		
					I_{max} Al	I_{max} Cu	U_{max}
VC05-0387	OTL branching connector 2xAl/Cu 6-95mm ² FBB (Grey)	220 A	245 A	1000 V AC / 1500 V DC	-	-	-
VC05-0390	OTL branching connector 2xAl/Cu 6-95mm ² FBB (Blue)	220 A	245 A	1000 V AC / 1500 V DC	-	-	-
VC05-0391	OTL branching connector 2xAl/Cu 6-95mm ² FBB (Yellow/Green)	220 A	245 A	1000 V AC / 1500 V DC	-	-	-

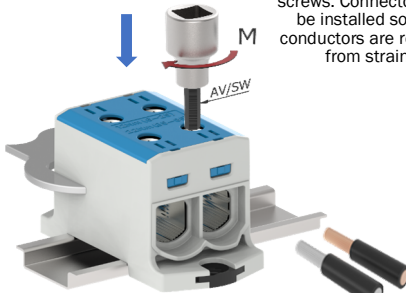
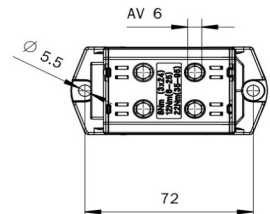
Installation

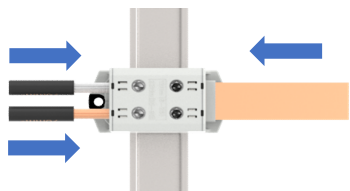
Certification and approval	DIN-rail and screw (M5) mounting	
 	DIN-rail mounting Set the connector on DIN-rail. Push until connector locks down.  Removing from DIN-rail Release the plastic snap with a screwdriver. Lift the connector.	 Use max. Ø5 mm screw.

Connection

Screw		Screw M14 SW 6	Tightening torque M	6-25 mm² 12 Nm 35-95 mm² 22 Nm Busbar 3x1x24 8 Nm	Stripping length L	Conductor 20 mm Busbar 30 mm
SW					L	
			Conductor range	2xAl/Cu 6-95mm ² / Busbar Cu 3x1x24		
Copper conductors	Aluminium conductors	Supported IEC 60228 -conductors			Sector shaped cable	
Max. 3 X CU / Conductor contact space ≤ 95 mm² 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)			

Conductor and busbar installation

 Support connector during tightening the screws. Connector must be installed so that conductors are relieved from strain.	Tighten busbar connecting screws (SW) to moment 15Nm. Repeat tightening three (3) times.	
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Input	Marking	Attention!
Max. Busbar (3x1x24)  Max. 95 mm² Al / Cu	5 mm width (Eg. Partex TX)  Optional terminal shroud OD02-0548	 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	3	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)	-	-	-	-	-	-