

Product data							
Product code	Product name	I _{n Al}	I _{n Cu}	U _n	US specific		
					I _{max Al}	I _{max Cu}	U _{max}
VC05-0213	OTL-connector 1xAl/Cu 95-300mm ² (Grey)	440 A	490 A	1000 V AC / 1500 V DC	-	-	-
VC05-0214	OTL-connector 1xAl/Cu 95-300mm ² (Blue)	440 A	490 A	1000 V AC / 1500 V DC	-	-	-
VC05-0215	OTL-connector 1xAl/Cu 95-300mm ² (Yellow Green)	440 A	490 A	1000 V AC / 1500 V DC	-	-	-
VC05-0493	OTL-connector 1xAl/Cu 95-300mm ² (Red)	440 A	490 A	1000 V AC / 1500 V DC	-	-	-
VC05-0494	OTL-connector 1xAl/Cu 95-300mm ² (Black)	440 A	490 A	1000 V AC / 1500 V DC	-	-	-

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

Connection			
Screw 	Screw M22 SW 8	Tightening torque M 95-150 mm ² 30 Nm 185-300 mm ² 60 Nm	Stripping length L 40 mm
	Conductor range 1xAl/Cu 95-300 mm²		
Copper conductors Max. 3 X CU / Conductor contact space ≤ 300 mm ² 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	Marking	Attention!
Support connector during tightening the screws. 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.							
-	-	-	-	-	-	-	-	70 mm ²	95 mm ²	120 mm ²	150 mm ²	185 mm ²	240 mm ²	300 mm ²	400 mm ²
								-	3 (1)	2 (1)	2 (1)	1 (1)	1 (1)	1 (1)	-