

Product data							
Product code	Product name	I <sub>n Al</sub>	I <sub>n Cu</sub>	U <sub>n</sub>	US specific		
					I <sub>max Al</sub>	I <sub>max Cu</sub>	U <sub>max</sub>
VC05-0153	OTL-connector 2xAl/Cu 2,5-35mm <sup>2</sup> (Grey)	120 A	135 A	1000 V AC / 1500 V DC	90 A	115 A	1000 V
VC05-0154	OTL-connector 2xAl/Cu 2,5-35mm <sup>2</sup> (Blue)	120 A	135 A	1000 V AC / 1500 V DC	90 A	115 A	1000 V
VC05-0155	OTL-connector 2xAl/Cu 2,5-35mm <sup>2</sup> (Yellow Green)	120 A	135 A	1000 V AC / 1500 V DC	90 A	115 A	1000 V
VC05-0479	OTL-connector 2xAl/Cu 2,5-35mm <sup>2</sup> (Red)	120 A	135 A	1000 V AC / 1500 V DC	90 A	115 A	1000 V
VC05-0480	OTL-connector 2xAl/Cu 2,5-35mm <sup>2</sup> (Black)	120 A	135 A	1000 V AC / 1500 V DC	90 A	115 A	1000 V

Installation	
<b>Certification and approval</b>  	<b>DIN-rail mounting</b>  <b>DIN-rail mounting</b> Set the connector on DIN-rail. Push until connector locks down.  <b>Removing from DIN-rail</b> Release the plastic snap with a screwdriver. Lift the connector.

Connection			
Screw  <b>SW</b>	<b>Screw</b> <b>M8</b>	<b>Tightening torque M</b> 2,5-16 mm <sup>2</sup> (6-14 AWG) <b>3 Nm</b> 25-35 mm <sup>2</sup> (2-4 AWG) <b>6 Nm</b>	<b>Stripping length L</b> <b>15 mm</b> 
	<b>SW</b> <b>4</b>	<b>Conductor range</b> <b>2xAl/Cu 2,5-35 mm<sup>2</sup></b>	<b>Supported IEC 60228 -conductors</b> Class 5 & 6 (fine stranded) Using ferrule is recommended Class 1 & 2 (solid and stranded)
<b>Copper conductors</b> Max. 3 X CU / Conductor contact space  ≤ 35 mm <sup>2</sup> total	<b>Aluminium conductors</b> 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)	 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 <sup>2</sup>	2,5 mm <sup>2</sup>	6 mm <sup>2</sup>	10 mm <sup>2</sup>	16 mm <sup>2</sup>	25 mm <sup>2</sup>	35 mm <sup>2</sup>	50 mm <sup>2</sup>	The specified max. amount of conductors refers only to industrially installed terminals.		
-	3 (1)	3 (1)	3 (1)	2 (1)	1 (1)	1 (1)	-			
			70 mm <sup>2</sup>	95 mm <sup>2</sup>	120 mm <sup>2</sup>	150 mm <sup>2</sup>	185 mm <sup>2</sup>	240 mm <sup>2</sup>	300 mm <sup>2</sup>	400 mm <sup>2</sup>
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