

Product data							
Product code	Product name	$I_{n Al}$	$I_{n Cu}$	U_n	US specific		
					$I_{max Al}$	$I_{max Cu}$	U_{max}
VC05-0011	OTL-connector 3x1xAl/Cu 2,5-35mm ² (Grey)	120 A	135 A	1000 V AC / 1500 V DC	90 A	115 A	1000 V

Certification and approval	DIN-rail 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>

Connection							
	Screw	M8	Tightening torque M	2,5-16 mm ² (6-14 AWG)	3 Nm	Stripping length L	
	SW	4		25-35 mm ² (2-4 AWG)	6 Nm		
Conductor range			3x1xAl/Cu 2,5-35 mm²				
Copper conductors	Aluminium conductors	Supported IEC 60228 -conductors				Sector shaped cable	
Max. 3 X CU / Conductor contact space ≤ 35 mm ² 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)	 Pre-round the cable				

Conductor installation	Marking
<p>Support connector during tightening the screws. Connector must be installed so that conductors are relieved from strain.</p> <p>3-pole connector (L1,L2,L3)</p>	<p>5 mm width (Eg. Partex TX)</p>

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)	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	400 mm ²
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