
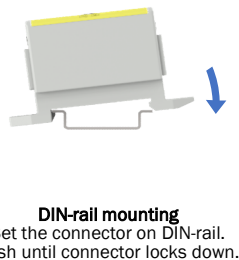
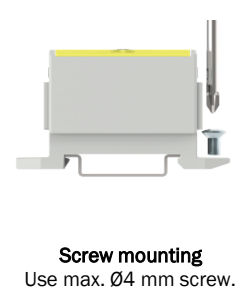
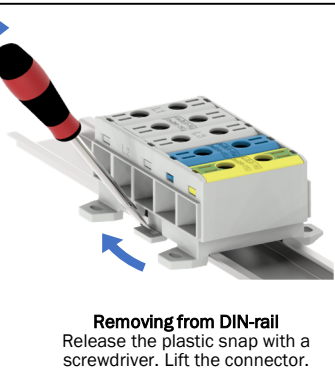

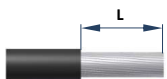




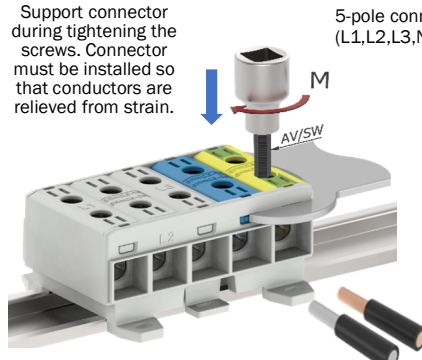




Product data							
Product code	Product name	$I_{n\ Al}$	$I_{n\ Cu}$	$U_n$	US specific		
					$I_{max\ Al}$	$I_{max\ Cu}$	$U_{max}$
VC05-0012	OTL-connector 5x1xAl/Cu 2,5-35mm <sup>2</sup> (Grey)	120 A	135 A	1000 V AC / 1500 V DC	90 A	115 A	1000 V

Installation	
Certification and approval	DIN-rail and screw (M4) mounting
	  

Connection								
<div>Screw</div> <div></div>	<div>Screw</div>	<div>M8</div>	<div>Tightening torque M</div> <div>2,5-16 mm<sup>2</sup> (6-14 AWG)</div> <div>25-35 mm<sup>2</sup> (2-4 AWG)</div>			<div>3 Nm</div> <div>6 Nm</div>	<div>Stripping length L</div> <div>15 mm</div> <div></div>	
	<div>SW</div>	<div>4</div>						
			<div>Conductor range</div> <div>5x1xAl/Cu 2,5-35 mm<sup>2</sup></div>					
<div>Copper conductors</div> <div>Max. 3 X CU / Conductor contact space</div> <div></div> <div>≤ 35 mm<sup>2</sup> total</div>		<div>Aluminium conductors</div> <div>1 X AL / Conductor contact space</div> <div></div> <div>Anti-corrosion paste: e.g. Penetrox</div>		<div>Supported IEC 60228 -conductors</div> <div></div> <div>Class 5 &amp; 6 (fine stranded) Using ferrule is recommended</div> <div>Class 1 &amp; 2 (solid and stranded)</div>			<div>Sector shaped cable</div> <div></div> <div>Pre-round the cable</div>	
<div>Conductor installation</div> <div>Support connector during tightening the screws. Connector must be installed so that conductors are relieved from strain.</div> <div></div>			<div>Marking</div> <div></div> <div>5 mm width (Eg. Partex TX)</div>			<div>Attention!</div> <div></div> <div>Each protective or neutral conductor must have their own conductor space. SFS 6000:2007 clause 810.7</div>		

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>
			-	-	-	-	-	-	-