

Product information							
Product code	Product name	I <sub>n</sub> Al	I <sub>n</sub> Cu	U <sub>n</sub>	USA specific		
					I <sub>max</sub> Al	I <sub>max</sub> Cu	U <sub>max</sub>
<b>VC05-0381</b>	OTL-connector 3xAl/Cu 95-300mm <sup>2</sup> (Grey)	630 A	630 A	1000 V	-	-	-
<b>VC05-0392</b>	OTL-connector 3xAl/Cu 95-300mm <sup>2</sup> (Blue)	630 A	630 A	1000 V	-	-	-
<b>VC05-0393</b>	OTL-connector 3xAl/Cu 95-300mm <sup>2</sup> (Yellow/Green)	630 A	630 A	1000 V	-	-	-

**Mounting**

Type	<b>DIN rail and screw (M5) mounting</b>	
<p><b>DIN rail mounting</b> Set connector on DIN rail. Push until connector locks down.</p>	<p><b>Removal</b> Release the slider and lift connector</p>	<p><b>Screw mounting</b> max. Ø5 mm screw</p>
		<p><b>Marking</b> 5 mm width (Eg. Partex TX)</p>

**Connection**

Screw size	Thread <b>M22x1,5</b>	Tightening torque M	Stripping length L	<b>31 mm</b>
	<b>SW 8</b>	95-150 mm <sup>2</sup> <b>35 Nm</b> 185-300 mm <sup>2</sup> <b>45 Nm</b>		
		Max. wire cross section <b>300 mm<sup>2</sup></b>		
<b>Copper conductors</b>	<b>Aluminium conductors</b>	<b>Supported IEC 60228 -conductors</b>		<b>Sector shaped cable</b>
Max. 3 X CU / Conductor space  ≤ 300 mm <sup>2</sup> total	1 X AL / Conductor 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

<p><b>Conductor installation</b></p> <p>Support connector during tightening the screws. Connector must be installed so that conductors are relieved from strain.</p>	<p><b>Attention!</b></p> <p>Each protective or neutral conductor must have their own conductor space. SFS 6000:2007 clause 810.7</p>
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**Cross section and max. number of Cu- conductors / 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.		
-	-	-	-	-	-	-	-			
			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>
			-	<b>3 (1)</b>	<b>2 (1)</b>	<b>2 (1)</b>	<b>1 (1)</b>	<b>1 (1)</b>	<b>1 (1)</b>	-