

Product data							
Product code	Product name	$I_{n Al}$	$I_{n Cu}$	$U_n$	$I_{max Al}$	$I_{max Cu}$	$U_{max}$
<b>VC05-0013</b>	OTL-connector 1xAl/Cu 1,5-50mm <sup>2</sup> (Grey)	145 A	160 A	1000 V	120 A	150 A	600 V
<b>VC05-0046</b>	OTL-connector 1xAl/Cu 1,5-50mm <sup>2</sup> (Blue)	145 A	160 A	1000 V	120 A	150 A	600 V
<b>VC05-0047</b>	OTL-connector 1xAl/Cu 1,5-50mm <sup>2</sup> (Yellow/Green)	145 A	160 A	1000 V	-	-	-
<b>VC05-0142</b>	OTL-connector 1xAl/Cu 1,5-50mm <sup>2</sup> (Red)	145 A	160 A	1000 V	-	-	-
<b>VC05-0143</b>	OTL-connector 1xAl/Cu 1,5-50mm <sup>2</sup> (Black)	145 A	160 A	1000 V	-	-	-

**Installation**

Type	<b>DIN-rail mounting</b>
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**CE**

**DIN-rail mounting**  
Set the connector to DIN-rail. See picture. Push until "click"

**Removing from DIN-rail**  
Release the plastic snap with screwdriver. Lift the connector.

**Connection**

Screw 	Thread	<b>M10</b>	Tightening torque	1,5-2,5 mm <sup>2</sup>	<b>1,5 Nm</b>	Stripping length L	<b>15 mm</b>
	SW	<b>5</b>		4-10 mm <sup>2</sup>	<b>5 Nm</b>		
				16-50 mm <sup>2</sup>	<b>10 Nm</b>		
				-	-		
			Max. Wire cross section	<b>50 mm<sup>2</sup></b>			

**1,5-10 Nm**

**Installation**

Can be used for both **copper- or aluminium conductors**. With the Al-conductors, it's recommended to use anti-corrosion paste. (i.e. Penetrox). It is allowed to use max. of three adjacent cross-sections in one space (Copper conductors). The nominal max. cross-section value must not be exceeded.

When used Al-conductors, it is allowed to use only one conductor/ one space.

We recommend a ferrule when using a fine-stranded conductor.

Each protective conductor must have their own conductor space. SFS 6000:1999 clause 810.2.6

**Cross-section of conductors and number of 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 conductors number on table refer only to industrially installed terminals.		
<b>3 (1)</b>	<b>3 (1)</b>	<b>3 (1)</b>	<b>3 (1)</b>	<b>3 (1)</b>	<b>2 (1)</b>	<b>1 (1)</b>	<b>1 (1)</b>			
			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>
			-	-	-	-	-	-	-	-