

Product data							
Product code	Product name	I_n Al	I_n Cu	U_n	US specific		
					I_{max} Al	I_{max} Cu	U_{max}
VC05-0028	OTL-connector 1xAl/Cu 150mm ² (Grey)	290 A	320 A	1000 V	-	-	-
VC05-0029	OTL-connector 1xAl/Cu 150mm ² (Blue)	290 A	320 A	1000 V	-	-	-
VC05-0030	OTL-connector 1xAl/Cu 150mm ² (Yellow/Green)	290 A	320 A	1000 V	-	-	-

Installation

Type	DIN-rail and screw (M5) mounting
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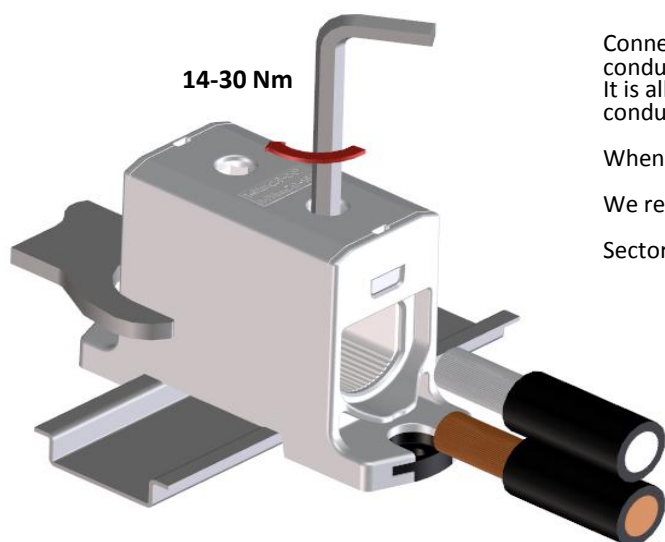
DIN-rail mounting
 Set the connector to DIN-rail.
 See picture. Push until "click"
Removing
 Release the slider and lift connector



Screw mounting
 Use max. Ø5 mm screw.
 See picture .



Connection								
<div>Screw</div> <div></div>	Thread	M16	Tightening torque	25-50 mm ²	14 Nm	Stripping length L		20 mm
	SW	6		70-150 mm ²	30 Nm			
				-	-			
				-	-			
	Max. Wire cross section			150 mm ²				



Installation

Connector can be used for both **copper- or aluminium conductors**. With the Al-conductors, it's recommended to use anti-corrosion paste. (e.g. 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/space.

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

Sector shaped conductors must be pre-rounded before installation.

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 / space (Al- conductors in parenthesis)

1,5 mm2	2,5 mm2	6 mm2	10 mm2	16 mm2	25 mm2	35 mm2	50 mm2	The specified max. amount of conductors refers only to industrially installed terminals.							
-	-	-	-	-	3 (1)	3 (1)	3 (1)								
								70 mm2	95 mm2	120 mm2	150 mm2	185 mm2	240 mm2	300 mm2	400 mm2
								2 (1)	1 (1)	1 (1)	1 (1)	-	-	-	-