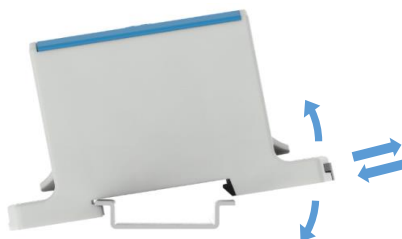


Product data

Product code	Product name	I_n Al	I_n Cu	U_n	US specific		
					I_{max} Al	I_{max} Cu	U_{max}
VC05-0235	OTL-connector 3xAl/Cu 25-150mm ² (Grey)	290 A	320 A	1000 V	-	-	-
VC05-0240	OTL-connector 3xAl/Cu 25-150mm ² (Blue)	290 A	320 A	1000 V	-	-	-
VC05-0241	OTL-connector 3xAl/Cu 25-150mm ² (Yellow/Green)	290 A	320 A	1000 V	-	-	-

Installation

Type **DIN-rail and screw (M5) mounting**

DIN-rail mounting

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

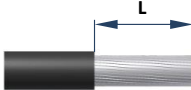
Removing

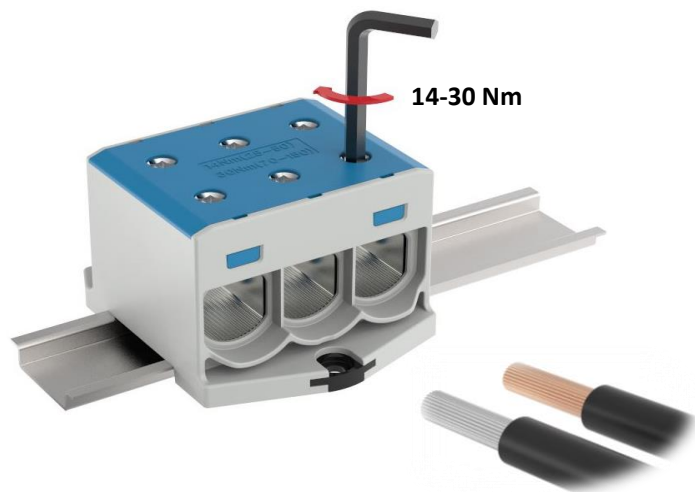
Release the slider and lift connector


Screw mounting

Use max. Ø5 mm screw.
See picture .

Connection

Screw 	Thread	M16	Tightening torque	25-50 mm²	14 Nm	Stripping length L 	20 mm
	SW	6		70-150 mm²	30 Nm		
				-	-		
				-	-		
Max. Wire cross section					150 mm²		


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.
Support connector during tightening the screws.

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)	-	-	-	-

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