

Product data							
Product code	Product name	I_n Al	I_n Cu	U_n	US specific		
					I_{max} Al	I_{max} Cu	U_{max}
VC05-0042	OTL-connector 2xAl/Cu 6-95mm ² (Grey)	440 A	490 A	1000 V	-	-	-
VC05-0043	OTL-connector 2xAl/Cu 6-95mm ² (Blue)	440 A	490 A	1000 V	-	-	-
VC05-0044	OTL-connector 2xAl/Cu 6-95mm ² (Yellow/Green)	440 A	490 A	1000 V	-	-	-
VC05-0148	OTL-connector 2xAl/Cu 6-95mm ² (Red)	440 A	490 A	1000 V	-	-	-
VC05-0149	OTL-connector 2xAl/Cu 6-95mm ² (Black)	440 A	490 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

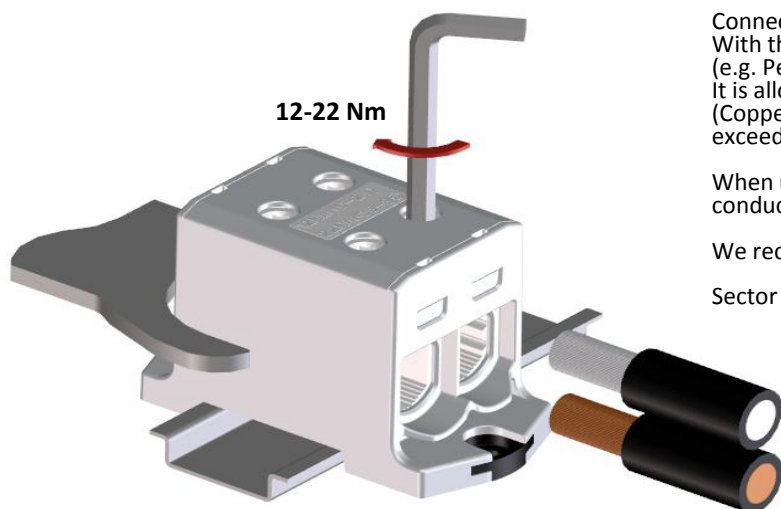
Use max. Ø5 mm screw.
See picture .



Connection

Screw 	Thread	M14	Tightening torque	6-25 mm²	12 Nm	Stripping length L 	20 mm
	SW	6		35-95 mm²	22 Nm		
				-	-		
				-	-		
	Max. Wire cross section			95 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.

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)	3 (1)	2 (1)	1 (1)			
			70 mm2	95 mm2	120 mm2	150 mm2	185 mm2	240 mm2	300 mm2	400 mm2
			1 (1)	1 (1)	-	-	-	-	-	-