

Product data							
Product code	Product name	I _{n Al}	I _{n Cu}	U _n	US specific		
					I _{max Al}	I _{max Cu}	U _{max}
VC05-0234	OTL-connector 3xAl/Cu 6-95mm ² (Grey)	220 A	245 A	1000 V	-	-	-
VC05-0238	OTL-connector 3xAl/Cu 6-95mm ² (Blue)	220 A	245 A	1000 V	-	-	-
VC05-0239	OTL-connector 3xAl/Cu 6-95mm ² (Yellow/Green)	220 A	245 A	1000 V	-	-	-

Installation

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

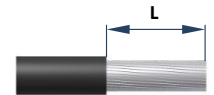


DIN-rail mounting
 Set the connector to DIN-rail.
 See picture. Push until "click"
Removing
 Release the slider and lift connector

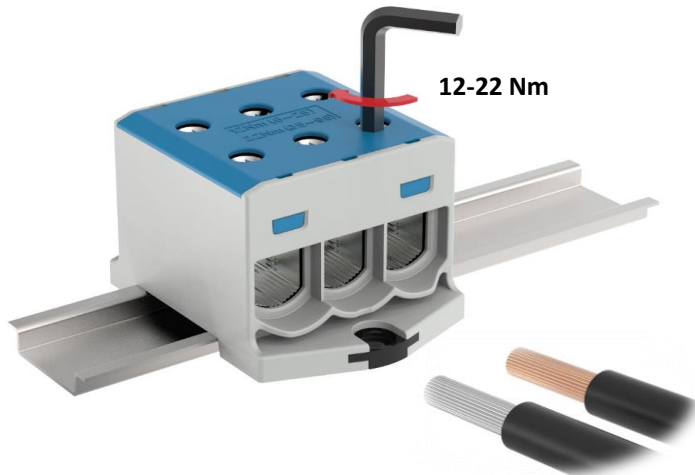
Screw mounting
 Use max. Ø5 mm screw.
 See picture .



Connection							
Screw	Thread	M14	Tightening torque	6-25 mm ²	12 Nm	Stripping length L	20 mm
		SW		35-95 mm ²	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.
 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 mm ²	2,5 mm ²	6 mm ²	10 mm ²	16 mm ²	25 mm ²	35 mm ²	50 mm ²	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 mm ²	95 mm ²	120 mm ²	150 mm ²	185 mm ²	240 mm ²	300 mm ²	400 mm ²
			1 (1)	1 (1)	-	-	-	-	-	-

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