OUNEVA
OUNEVA GROUP

INSTALLATION GUIDE

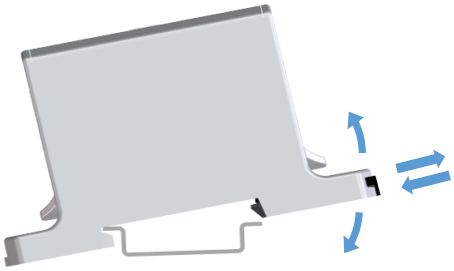
Product data

Product code	Product name	$I_{n\ Al}$	$I_{n\ Cu}$	U_n	US specific		
					$I_{max\ Al}$	$I_{max\ Cu}$	U_{max}
VC05-0025	OTL-connector 2xAl/Cu 120mm² (Grey)	500 A	560 A	1000 V	-	-	-
VC05-0026	OTL-connector 2xAl/Cu 120mm² (Blue)	500 A	560 A	1000 V	-	-	-
VC05-0027	OTL-connector 2xAl/Cu 120mm² (Yellow/Green)	500 A	560 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 .

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Connection

Screw

Thread	**M14**
SW	**6**

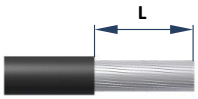


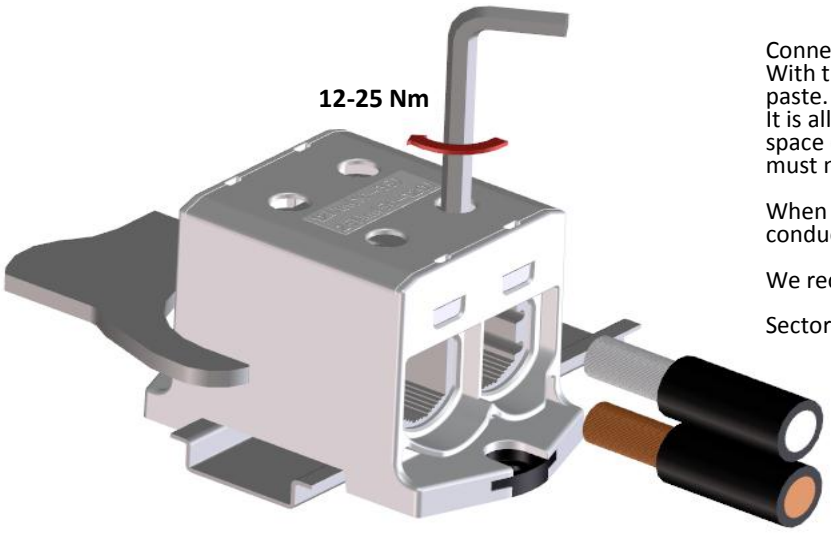
Tightening torque

16-35 mm²	**12 Nm**
50-120 mm²	**25 Nm**
-	**-**
-	**-**

Max. Wire cross section **120 mm²**

Stripping length **L** **20 mm**





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
-	-	-	-	**3 (1)**	**3 (1)**	**3 (1)**	**2 (1)**

The specified max. amount of conductors refers only to industrially installed terminals.

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