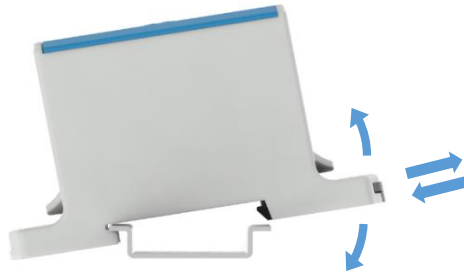


Product data

Product code	Product name	I _{n Al}	I _{n Cu}	U _n	US specific		
					I _{max Al}	I _{max Cu}	U _{max}
VC05-0233	OTL-connector 3xAl/Cu 1,5-50mm ² (Grey)	145 A	160 A	1000 V	120 A	150 A	600 V
VC05-0236	OTL-connector 3xAl/Cu 1,5-50mm ² (Blue)	145 A	160 A	1000 V	120 A	150 A	600 V
VC05-0237	OTL-connector 3xAl/Cu 1,5-50mm ² (Yellow/Green)	145 A	160 A	1000 V	120 A	150 A	600 V

Installation

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




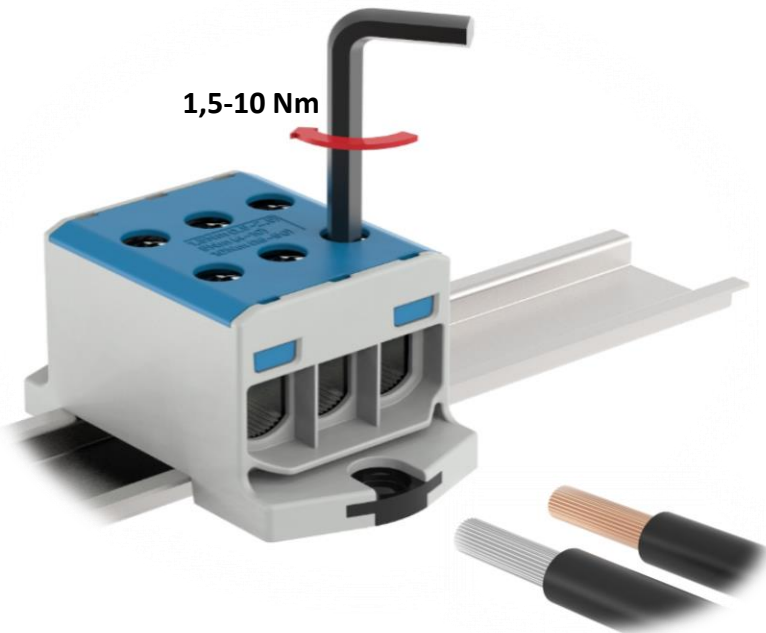
DIN-rail mounting
Set the connector on DIN-rail.
Push until connector locks down.
Removing
Release the slider and lift connector



Screw mounting
Use max. Ø5 mm screw.


Connection

Screw	Thread	M10	Tightening torque	Stripping length L	15 mm
		SW			
			4-10 mm ² (8-12 AWG) 5 Nm		
			16-50 mm ² (1/0-6 AWG) 10 Nm		
			Max. Wire cross section		50 mm²

Installation


Connector can be used for both **copper- or aluminium conductors**. It's recommended to use anti-corrosion paste for aluminium conductors. (e.g. Penetrox).

It is allowed to use max. three adjacent cross sectioned conductors per space (Copper conductors). The nominal max. cross section value must not be exceeded.

It is allowed to install only one aluminium conductor per space.

Using ferrule is recommended for fine stranded conductors.

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)	3 (1)	2 (1)	1 (1)	1 (1)	