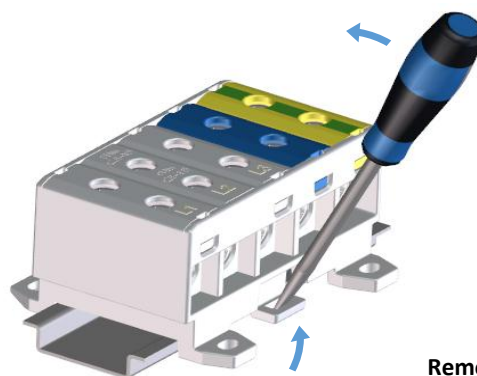


| Product data | | | | | | | |
|------------------|--|----------|----------|--------|--------------|--------------|-----------|
| Product code | Product name | I_n Al | I_n Cu | U_n | US specific | | |
| | | | | | I_{max} Al | I_{max} Cu | U_{max} |
| VC05-0012 | OTL-connector 5x1xAl/Cu 2,5-35mm ² (Grey) | 120 A | 135 A | 1000 V | - | - | - |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

| Installation | |
|--------------|---|
| Type | DIN-rail and screw (M4) mounting |




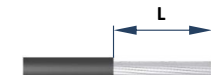
DIN-rail mounting
Set the connector to DIN-rail.
See picture. Push until "click"



Removing from DIN-rail
Release the plastic snap with
screwdriver. Lift the connector.

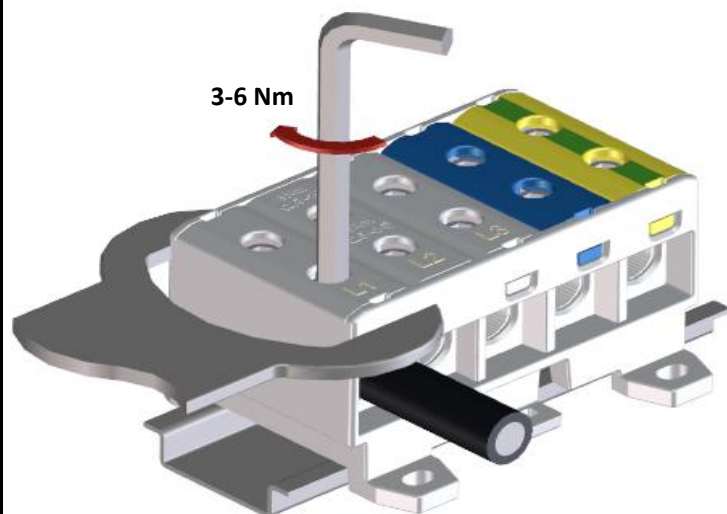
| Connection | | | | | | | |
|------------|--------|----|-------------------|-------------------------|------|--------------------|-------|
| Screw | Thread | M8 | Tightening torque | 2,5-16 mm ² | 3 Nm | Stripping length L | 15 mm |
| | SW | 4 | | 25-35 mm ² | 6 Nm | | |
| | | | | - | - | | |
| | | | | - | - | | |
| | | | | Max. Wire cross section | | 35 mm ² | |







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 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) | 2 (1) | 1 (1) | 1 (1) | - | | |
| | | | | 70 mm ² | 95 mm ² | 120 mm ² | 150 mm ² | 185 mm ² | 240 mm ² |
| | | | | - | - | - | - | - | - |