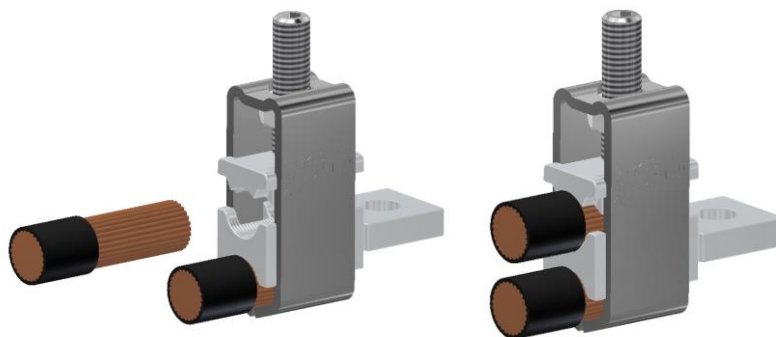


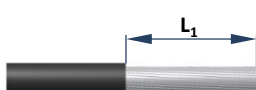
| Tuotetiedot      |                    |              |              |           |  |
|------------------|--------------------|--------------|--------------|-----------|--|
| Tuotekoodi       | Tuotenimi          | $I_n$ Al     | $I_n$ Cu     | $U_n$     |  |
| <b>VC01-0011</b> | <b>OL 2x50-150</b> | <b>455 A</b> | <b>579 A</b> | -         |  |
|                  |                    | $I_{max}$ Al | $I_{max}$ Cu | $U_{max}$ |  |
|                  |                    | -            | -            | -         |  |

| Asennus     |                            |
|-------------|----------------------------|
| Asennustapa | <b>Kuusiokoloruuvi M10</b> |

OL-yleisliitin soveltuu alumiini- ja kuparikaapeleiden kytkentöihin. Kaapelien asennus liittimeen. Ks. kuva vieressä.

- Poista eristys kaapelista. Ks. kuorintapituus  $L_1$  taulukosta alapuolella.
- Poista mahdollinen oksidikerros harjaamalla.
- Sektorikaapeli on muokattava pyöreäksi ennen asennusta.
- Liitinkisko on rasvattu valmiiksi.



| Kytkeä             |                        |              |                                                                                      |                                      |                |
|--------------------|------------------------|--------------|--------------------------------------------------------------------------------------|--------------------------------------|----------------|
| Ruuvien avainväli  | AV                     | <b>5 mm</b>  | Kaapelit                                                                             | <b>2xAl/Cu 50-150 mm<sup>2</sup></b> |                |
| Kiristysmomentti M | 50-150 mm <sup>2</sup> | <b>40 Nm</b> | Kuorintapituus                                                                       | $L_1$                                | <b>32±2 mm</b> |
|                    | -                      | -            |  |                                      |                |
|                    | -                      | -            |                                                                                      |                                      |                |
|                    | -                      | -            |                                                                                      |                                      |                |

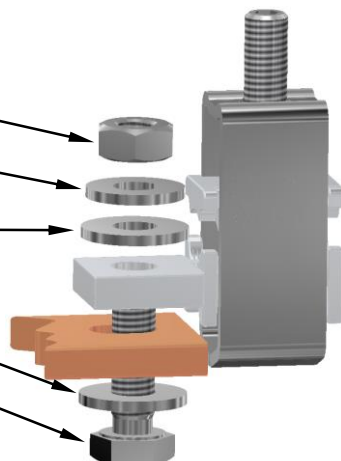
M10/8.0/DIN 934

D10/DIN 6796 ; SFS 3737

D10/SFS 3738

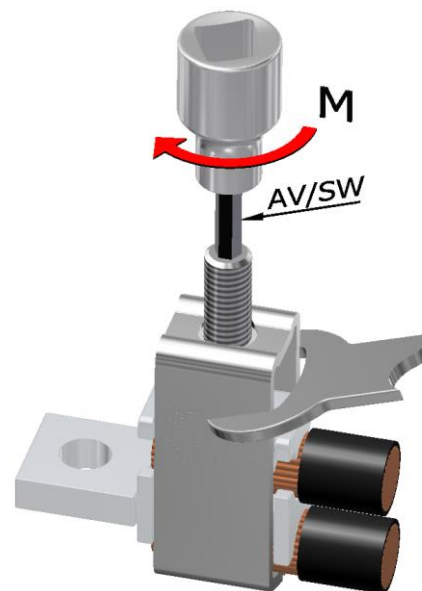
D10/SFS 3738

M10x30/8.8/DIN 933



Asennus virtakiskoon. Ks. kuva yläpuolella.

- Kun kytket liitinkiskon virtakiskoon, varmista että liitospinnat ovat puhtaat ja reikien reunoilla ei ole purseita.
  - Käytä kuvan mukaisia tai vastaavia kiinnitystarvikkeita.
  - Suositus kiristysmomentti 30-44 Nm
- Huom! Ruuvien pituus riippuu virtakiskon paksuudesta.



- Kiristä liitinruuvi yllämainittuun kiristysmomenttiin **M**.
- Tue liitintä kiristyksen aikana.

| Johdintaulukko, johtojen määrä, kpl/ kytkeätila, Al-kaapeli suluissa, Cu(Al) |                     |                     |                     |                     |                     |                     |                     |
|------------------------------------------------------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| 1,5 mm <sup>2</sup>                                                          | 2,5 mm <sup>2</sup> | 6 mm <sup>2</sup>   | 10 mm <sup>2</sup>  | 16 mm <sup>2</sup>  | 25 mm <sup>2</sup>  | 35 mm <sup>2</sup>  | 50 mm <sup>2</sup>  |
| -                                                                            | -                   | -                   | -                   | -                   | -                   | -                   | <b>3(1)</b>         |
| 70 mm <sup>2</sup>                                                           | 95 mm <sup>2</sup>  | 120 mm <sup>2</sup> | 150 mm <sup>2</sup> | 185 mm <sup>2</sup> | 240 mm <sup>2</sup> | 300 mm <sup>2</sup> | 400 mm <sup>2</sup> |
| <b>2(1)</b>                                                                  | <b>1(1)</b>         | <b>1(1)</b>         | <b>1(1)</b>         | -                   | -                   | -                   | -                   |

Ouneva Oy

Teollisuustie 21

FI-82730 Tuupovaara

Finland

Tel. +358 400 179 750

[info@ouneva.fi](mailto:info@ouneva.fi)

[www.ounevagroup.fi](http://www.ounevagroup.fi)

[www.ounevaproducts.fi](http://www.ounevaproducts.fi)

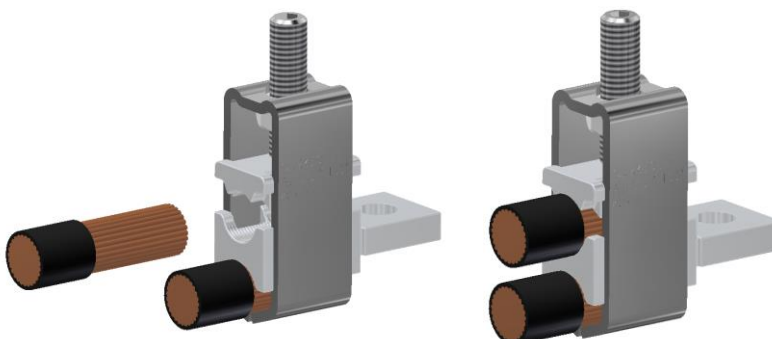
| Product data     |                   |              |              |           |  |
|------------------|-------------------|--------------|--------------|-----------|--|
| Product code     | Product name      | $I_n$ Al     | $I_n$ Cu     | $U_n$     |  |
| <b>VC01-0011</b> | <b>OL2x50-150</b> | <b>455 A</b> | <b>579</b>   | -         |  |
|                  |                   | $I_{max}$ Al | $I_{max}$ Cu | $U_{max}$ |  |
|                  |                   | -            | -            | -         |  |

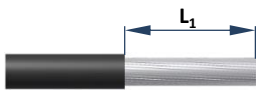
| Installation |                  |
|--------------|------------------|
| Type         | <b>Screw M10</b> |

OL-Connectors are suitable for Aluminium- and Copper conductors.

The conductor is mounted under tin plated copper busbar. See picture ->

- Strip cable, see stripping length  $L_1$  (table below)
- Remove any layers of oxide.
- Segmental conductors have to be rounded before mounting.



| Connection          |                        |              |                                                                                      |                                      |
|---------------------|------------------------|--------------|--------------------------------------------------------------------------------------|--------------------------------------|
| Screw head for tool | SW                     | <b>5 mm</b>  | Conductors                                                                           | <b>2xAl/Cu 50-150 mm<sup>2</sup></b> |
| Tightening torque M | 50-150 mm <sup>2</sup> | <b>40 Nm</b> | Stripping length                                                                     | $L_1$ <b>32±2 mm</b>                 |
|                     | -                      | -            |  |                                      |
|                     | -                      | -            |                                                                                      |                                      |
|                     | -                      | -            |                                                                                      |                                      |

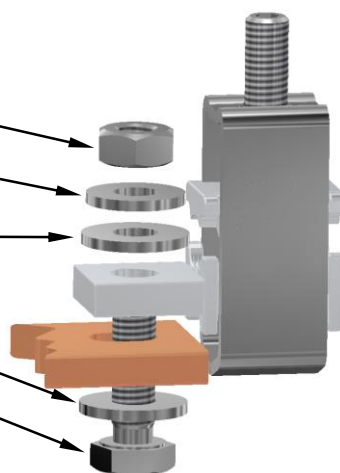
M10/8.0/DIN 934

D10/DIN 6796 ; SFS 3737

D10/SFS 3738

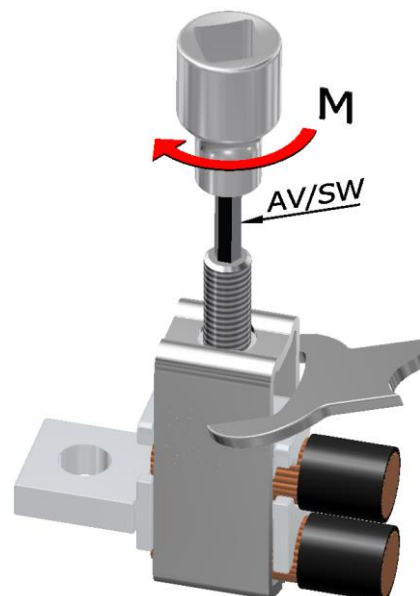
D10/SFS 3738

M10x30/8.8/DIN 933



#### Mounting to busbar:

- Be sure that there are no burrs around the hole.
- Length of the screw depends on the busbar thickness.
- Use standard screws, nuts and washers. (Plated with Zn)
- Recommended torque for M10 is 30-44 Nm



- Tighten the screw with torque **M**
- Support connector during tightening.

| Wiring, pcs / connection, Cu(Al) |                     |                     |                     |                     |                     |                     |                     |
|----------------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|
| 1,5 mm <sup>2</sup>              | 2,5 mm <sup>2</sup> | 6 mm <sup>2</sup>   | 10 mm <sup>2</sup>  | 16 mm <sup>2</sup>  | 25 mm <sup>2</sup>  | 35 mm <sup>2</sup>  | 50 mm <sup>2</sup>  |
| -                                | -                   | -                   | -                   | -                   | -                   | -                   | <b>3(1)</b>         |
| 70 mm <sup>2</sup>               | 95 mm <sup>2</sup>  | 120 mm <sup>2</sup> | 150 mm <sup>2</sup> | 185 mm <sup>2</sup> | 240 mm <sup>2</sup> | 300 mm <sup>2</sup> | 400 mm <sup>2</sup> |
| <b>2(1)</b>                      | <b>1(1)</b>         | <b>1(1)</b>         | <b>1(1)</b>         | -                   | -                   | -                   | -                   |

**Ouneva Oy**

Teollisuustie 21

FI-82730 Tuupovaara

Finland

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