

**Tuotetiedot**

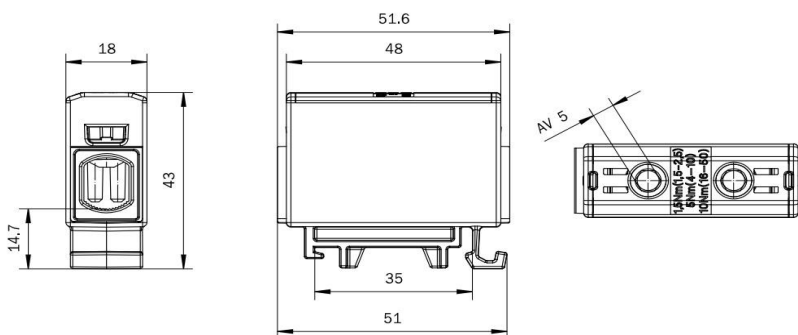
|            |                                                     |             |          |           |               |
|------------|-----------------------------------------------------|-------------|----------|-----------|---------------|
| Tuotekoodi | VC05-0520                                           | Sähkönumero | 1912367  | EAN-koodi | 6430051862038 |
| Tuotenimi  | OTL-liitin 1xAl/Cu 1,5-50mm <sup>2</sup> (Punainen) | ETIM-luokka | EC000897 |           |               |
| Johtimet   | 1xAl/Cu 1,5-50 mm <sup>2</sup>                      |             |          |           |               |

**Tekniset tiedot**

|                       |                                                                       |                       |                 |
|-----------------------|-----------------------------------------------------------------------|-----------------------|-----------------|
| Nimellisvirta (IEC)   | Cu                                                                    | 160                   | A               |
|                       | Al                                                                    | 145                   | A               |
| Nimellisjännite (IEC) |                                                                       | 1000 V AC / 1500 V DC |                 |
| Max. Virta (US)       | Cu                                                                    | 150                   | A               |
|                       | Al                                                                    | 120                   | A               |
| Max. Jännite (US)     |                                                                       | 1000                  | V               |
| Napaluku              |                                                                       | 1                     | kpl             |
| Max. Johdinkoko       |                                                                       | 50                    | mm <sup>2</sup> |
| Kiristysmomentti      |                                                                       |                       |                 |
|                       | 1,5-2,5 mm <sup>2</sup> (14-16 AWG)                                   | 1,5                   | Nm              |
|                       | 4-10 mm <sup>2</sup> (8-12 AWG)                                       | 5                     | Nm              |
|                       | 16-50 mm <sup>2</sup> (1/0-6 AWG)                                     | 10                    | Nm              |
|                       |                                                                       | -                     |                 |
| Min. Asennuslämpötila |                                                                       | +5                    | °C              |
| Käyttölämpötila       |                                                                       | -25...+80             | °C              |
| Paino                 |                                                                       | 30                    | g               |
| IP-suojaus            |                                                                       | IP20                  |                 |
| Standardit            | EN 61238-1:2003; EN 60947-7-(1-2):2009; UL1059 & CSA C22.2 No. 158-10 |                       |                 |
| Väri / Materiaali     | Punainen RAL 3020/ PA66-V0                                            |                       |                 |
| Kiinnitys / Kytkenä   | DIN-kiskokiinnitys                                                    |                       |                 |


**Kuvaus**

OTL-yleisliittimet ovat tarkoitettu alumiini- ja kuparikaapeleiden liittämiseen ja haaroittamiseen. Liitinsrunko on tinapinnoitettua alumiinia. Kotelointi on valmistettu UL94 V0 -luokan polyamidista. Pakkaus sisältää 500 kpl VC05-0142 liitintä. Valmistettu Suomessa.

**Mittakuva**

**Pakkaus**

|              |          |               |     |              |       |
|--------------|----------|---------------|-----|--------------|-------|
| Pakkausmuoto | Laatikko | Kpl / Pakkaus | 500 | Paino [kg]   | 15,20 |
| Pituus [mm]  | 365      | Leveys [mm]   | 234 | Korkeus [mm] | 252   |

**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.ounevaproductions.fi](http://www.ounevaproductions.fi)

**Product data**

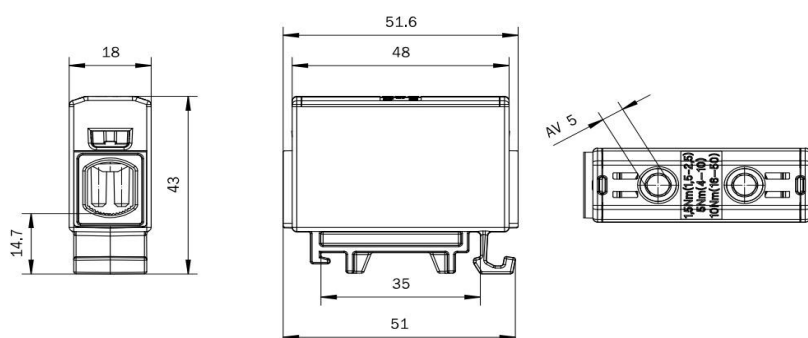
|              |                                                   |          |                |            |                      |
|--------------|---------------------------------------------------|----------|----------------|------------|----------------------|
| Product code | <b>VC05-0520</b>                                  | STK-code | <b>1912367</b> | EAN-code   | <b>6430051862038</b> |
| Product name | OTL-connector 1xAl/Cu 1,5-50mm <sup>2</sup> (Red) |          |                | ETIM class | <b>EC000897</b>      |
| Wires        | 1xAl/Cu 1,5-50 mm <sup>2</sup>                    |          |                |            |                      |

**Technical data**

|                               |                                                                                  |            |                 |
|-------------------------------|----------------------------------------------------------------------------------|------------|-----------------|
| Nominal current (IEC)         | Cu                                                                               | <b>160</b> | A               |
|                               | Al                                                                               | <b>145</b> | A               |
| Nominal voltage (IEC)         | <b>1000 V AC / 1500 V DC</b>                                                     |            |                 |
| Max. Current (US)             | Cu                                                                               | <b>150</b> | A               |
|                               | Al                                                                               | <b>120</b> | A               |
| Max. Voltage (US)             | <b>1000</b>                                                                      |            | V               |
| Number of poles               | <b>1</b>                                                                         |            | pcs             |
| Max. Cross section            | <b>50</b>                                                                        |            | mm <sup>2</sup> |
| Tightening torque             |                                                                                  |            |                 |
|                               | 1,5-2,5 mm <sup>2</sup> (14-16 AWG)                                              | <b>1,5</b> | Nm              |
|                               | 4-10 mm <sup>2</sup> (8-12 AWG)                                                  | <b>5</b>   | Nm              |
|                               | 16-50 mm <sup>2</sup> (1/0-6 AWG)                                                | <b>10</b>  | Nm              |
|                               | <b>-</b>                                                                         |            |                 |
| Min. installation temperature | <b>+5</b>                                                                        |            | °C              |
| Operating temperature         | <b>-25...+80</b>                                                                 |            | °C              |
| Weight                        | <b>30</b>                                                                        |            | g               |
| IP-protection                 | <b>IP20</b>                                                                      |            |                 |
| Standards                     | <b>EN 61238-1:2003; EN 60947-7-(1-2):2009; UL1059 &amp; CSA C22.2 No. 158-10</b> |            |                 |
| Color / Material              | <b>Red RAL 3020/ PA66-V0</b>                                                     |            |                 |
| Mounting / Connection         | <b>DIN-rail mounting</b>                                                         |            |                 |


**Description**

OTL-connectors are designed for connecting and branching aluminium and copper conductors. The body is made of tin plated aluminium. Housing is made of UL94 V0 class polyamide. Box contains 500 pcs of VC05-0142 connector. Made in Finland.

**Drawing**

**Package**

|             |            |               |            |             |              |
|-------------|------------|---------------|------------|-------------|--------------|
| Package     | <b>Box</b> | Pcs / Package | <b>500</b> | Weight [kg] | <b>15,20</b> |
| Length [mm] | <b>365</b> | Width [mm]    | <b>234</b> | Height [mm] | <b>252</b>   |

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