

## Product data

|              |                                                            |          |                |            |                      |
|--------------|------------------------------------------------------------|----------|----------------|------------|----------------------|
| Product code | <b>VC05-0047</b>                                           | STK-code | <b>1914105</b> | EAN-code   | <b>6410019141054</b> |
| Product name | OTL-connector 1xAl/Cu 1,5-50mm <sup>2</sup> (Yellow/Green) |          |                | ETIM class | <b>EC000897</b>      |
| Wires        | 1xAl/Cu 1,5-50 mm <sup>2</sup>                             |          |                |            |                      |

## Technical data

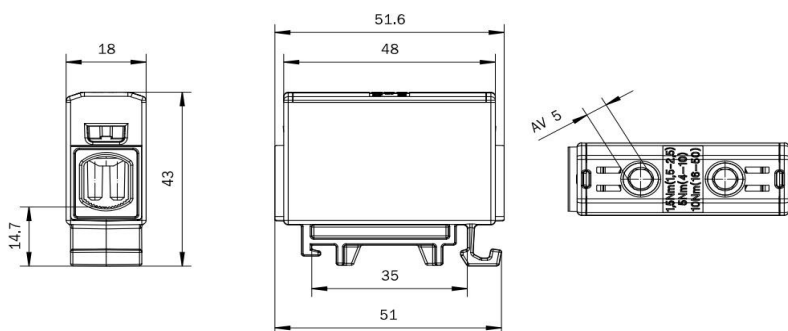
|                               |                                                                                  |            |                 |
|-------------------------------|----------------------------------------------------------------------------------|------------|-----------------|
| Nominal 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>Green RAL 6018, Yellow RAL 1016/ 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. Made in Finland.

## Drawing



## Package

|             |            |               |            |             |             |
|-------------|------------|---------------|------------|-------------|-------------|
| Package     | <b>Box</b> | Pcs / Package | <b>30</b>  | Weight [kg] | <b>1,00</b> |
| Length [mm] | <b>210</b> | Width [mm]    | <b>155</b> | Height [mm] | <b>105</b>  |

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