## **INSTALLATION GUIDE**



|                                | UUNEVA GRU   | UF                               |  |   |   |  |  |   |   |                  |
|--------------------------------|--|----------------------------------|--|---|---|--|--|---|---|------------------|
| Product data                   |  |                                  |  |   |   |  |  |   |   |                  |
|                                |  |                                  |  |   |   |  |  | US specific   |   |                  |
| Product code                   | Product name   |                                  |  |   | I <sub>n Al</sub>   | I <sub>n Cu</sub>  | Un   | I <sub>max Al</sub>   | I <sub>max Cu</sub>   | U <sub>max</sub> |
| VC05-0019                      | OTL-connector 1xAl/Cu 6-95mm² (Grey)                     |                                  |  |   | 220 A   | 245 A  | 1000 V   | -   | -   | -                |
| VC05-0050                      | OTL-connector 1xAl/Cu 6-95mm <sup>2</sup> (Blue)         |                                  |  |   | 220 A   | 245 A  | 1000 V   | -   | -   | -                |
| VC05-0051                      | OTL-connector 1xAl/Cu 6-95mm <sup>2</sup> (Yellow/Green) |                                  |  |   | 220 A   | 245 A  | 1000 V   | -   | -   | -                |
|                                | OTL-connector 1xAl/Cu 6-95mm <sup>2</sup> (Red)          |                                  |  |   | 220 A   | 245 A  | 1000 V   | -   | -   | -                |
|                                | OTL-connector 1xAl/Cu 6-95mm <sup>2</sup> (Black)        |                                  |  |   | 220 A   | 245 A  | 1000 V   | -   | -   | -                |
|                                | OTL-connect  |                                  |  |   | 220 A   | 245 A  | 1000 V   | -   | -   | -                |
| stallation                     |  |                                  | (  | ,   |   |  | 10001  |   |   | 1                |
| /pe                            | DIN-rail and   | screw (M5)                       | mounting                                     |   |   |  |  |   |   |                  |
|                                |  | Set the c                        | mounting<br>onnector to D<br>urre. Push unti |   |   | 2  | Scre   | ew mounting   |   |                  |
| C€ <sub>RoHS</sub> ®           |  |                                  |  | lift connector  | -   |  | Use max. Ø<br>See picture  | 5 mm screw.   |   |                  |
| onnection<br>crew              |  | Thread                           | M14  | Tightening to   |   | 6-25 mm <sup>2</sup>   | 12 Nm  | Stripping ler   | .1 .  | 20 mm            |
| SW                             |  | SW                               |  | Max. wire cro   | oss section   | 35-95 mm <sup>2</sup><br>-<br>-  | 22 Nm<br>-<br>-<br>95 mm <sup>2</sup>  |   | •   |                  |
|                                |  |                                  |  |   |   |  | Installation   |   |   |                  |
|                                | 12-22  | Nm                               | 1  | conductors<br>It is allowed<br>conductors<br>When used<br>We recomm | s, It's recomm<br>d to use max<br>). The nomin<br>I Al-conducto<br>mend a ferru | for both <b>copp</b><br>ended to use<br>of three adja<br>al max. cross<br>rs, it is allowe<br>e when using<br>ors must be pr | e anti-corrosio<br>acent cross se<br>section value<br>ed to use only<br>g a fine-strance | on paste. (e.g<br>ections in one<br>e must not be<br>y one conduc<br>ded conducto | g. Penetrox).<br>e space (Copp<br>e exceeded.<br>tor/space.<br>or.          |                  |
| ross section a<br>1,5 mm2<br>- | and max. num<br>2,5 mm2<br>-                             | nber of Cu- co<br>6 mm2<br>3 (1) | nductors / sp<br>10 mm2<br>3 (1)             | Dace (Al- cond<br>16 mm2<br>3 (1)                                   | uctors in par<br>25 mm2<br>3 (1)  | own co   |  | ce. SFS 6000:2  | ctor must ha<br>2007 clause 8<br>ed max. amou<br>refers only to<br>rminals. | 10.7             |
|                                |  |                                  | 70 2   | 05 2  | 120 2   | 150  | 105 0  | 1   | 1   | 400              |
|                                |  |                                  | 70 mm2                                       | 95 mm2  | 120 mm2   | 150 mm2  | 185 mm2  | 240 mm2   | 300 mm2   | 400 mm           |

1 (1)

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