

# Product data sheet

Specifications



Charging station, EVlink Pro AC/AC Metal, 22kW, 32A, 3P+N, T2S/TE socket-outlets, RCD B-EV, MNx aux.

EVB3S22N4EB

## Main

|                             |                                                                    |
|-----------------------------|--------------------------------------------------------------------|
| Range                       | EVlink                                                             |
| Product name                | EVlink Pro AC                                                      |
| Product or component type   | Charging station                                                   |
| Device short name           | EVB3                                                               |
| Communication network type  | Ethernet<br>Bluetooth<br>3G/4G modem optional<br>Modbus TCP        |
| Connector type              | 2 RJ45 for Ethernet LAN connection                                 |
| Communication port protocol | OCPP 1.6                                                           |
| Communication service       | JSON smart charging for OCPP 1.6                                   |
| Operating mode              | Clustered architecture<br>Standalone                               |
| Function available          | Diagnosis capabilities<br>Charge detail records<br>Load management |

## Complementary

|                                |                                                                                                                 |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------|
| Range compatibility            | EVlink (EcoStruxure EV Charging Expert)<br>EVlink (EVlink Pro AC Metal)<br>EcoStruxure (EcoStruxure EV Advisor) |
| Type of installation           | Indoor<br>Outdoor                                                                                               |
| Provided equipment             | 1 residual current device (RCD) integrated<br>1 MNx auxiliary contact integrated<br>1 energy meter              |
| Accuracy class of energy meter | Class 1                                                                                                         |
| Protection device type         | Residual current device (RCD)type B-EV (Electric Vehicle)                                                       |
| Poles description              | 3P + N for power circuit<br>1P + N for power circuit                                                            |
| Mounting mode                  | Wall-mounted<br>Wall-mounted (kit enclosure)<br>Floor-standing (pedestal)<br>Floor-standing (kit enclosure)     |
| Mounting support               | Pedestal, to be ordered separately<br>Kit enclosure, to be ordered separately                                   |
| Cable entry                    | Bottom entry<br>Top entry<br>Rear entry                                                                         |

|                                       |                                                                                                                                                                                  |
|---------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| [Us] rated supply voltage             | 380...415 V AC 50/60 Hz<br>220...240 V AC 50/60 Hz                                                                                                                               |
| Nominal output power                  | 22 kW 32 A 380...415 V                                                                                                                                                           |
| Socket number                         | 2                                                                                                                                                                                |
| Output type                           | Front side T2 with shutter socket-outlet / silver plated contacts<br>Front side TE socket-outlet                                                                                 |
| Access control system                 | Badge RFID conforming to ISO/IEC 14443 A and B<br>Badge RFID conforming to ISO/IEC 15693<br>Badge NFC<br>Free access                                                             |
| RFID compatible technology            | MIFARE Classic<br>MIFARE Ultralight<br>MIFARE Plus                                                                                                                               |
| NFC frequency                         | 13.56 MHz                                                                                                                                                                        |
| NFC tag type                          | Type 1<br>Type 2<br>Type 4<br>Type 5                                                                                                                                             |
| Earthing system                       | TT<br>TN-S<br>TN-C-S<br>Compatible IT with additional isolation transformer on the power supply                                                                                  |
| Number of inputs                      | 3                                                                                                                                                                                |
| Input type                            | Binary for power limitation closing contact<br>Binary for delayed charging closing contact<br>Binary for vehicle detection closing contact                                       |
| Control type                          | can be controlled by remote                                                                                                                                                      |
| Local signalling                      | 1 green LED light strip, function: available<br>1 blue LED light strip, function: charging<br>1 red LED light strip, function: fault indication                                  |
| Standards                             | EN/IEC 61851-1:ed. 3<br>EN/IEC 62196-1:ed. 2<br>EN/IEC 62196-2:ed. 1<br>EN 61000-6-2:2019<br>EN 61000-6-3:2007<br>EN 61000-6-3:2011/A1<br>IEC 60884-1<br>NF C 61314<br>ISO 15118 |
| Product certifications                | EV Ready<br>CE                                                                                                                                                                   |
| IP degree of protection               | IP54                                                                                                                                                                             |
| IK degree of protection               | IK10                                                                                                                                                                             |
| Ambient air temperature for operation | -30...50 °C                                                                                                                                                                      |
| Ambient air temperature for storage   | -40...80 °C                                                                                                                                                                      |
| Relative humidity                     | 5...95 %                                                                                                                                                                         |
| Operating altitude                    | 2000 m without derating                                                                                                                                                          |
| Height                                | 529 mm                                                                                                                                                                           |
| Width                                 | 317 mm                                                                                                                                                                           |
| Depth                                 | 158 mm                                                                                                                                                                           |
| Net weight                            | 7.2 kg                                                                                                                                                                           |
| Colour                                | Front face: white (RAL 9003)<br>Housing: dark grey (RAL 7016)<br>Back part: black (RAL 9005)                                                                                     |

### Packing Units

|                        |     |
|------------------------|-----|
| Unit Type of Package 1 | PCE |
|------------------------|-----|

|                              |          |
|------------------------------|----------|
| Number of Units in Package 1 | 1        |
| Package 1 Height             | 28.0 cm  |
| Package 1 Width              | 35.5 cm  |
| Package 1 Length             | 57.5 cm  |
| Package 1 Weight             | 8.948 kg |
| Unit Type of Package 2       | P06      |
| Number of Units in Package 2 | 4        |
| Package 2 Height             | 73.0 cm  |
| Package 2 Width              | 60.0 cm  |
| Package 2 Length             | 80.0 cm  |
| Package 2 Weight             | 44.0 kg  |

Offer Sustainability

|                            |                                                                                                                       |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Sustainable offer status   | Green Premium product                                                                                                 |
| REACH Regulation           | <a href="#">REACH Declaration</a>                                                                                     |
| EU RoHS Directive          | Compliant<br><a href="#">EU RoHS Declaration</a>                                                                      |
| Mercury free               | Yes                                                                                                                   |
| RoHS exemption information | <a href="#">Yes</a>                                                                                                   |
| China RoHS Regulation      | <a href="#">China RoHS declaration</a><br>Product out of China RoHS scope. Substance declaration for your information |
| Environmental Disclosure   | <a href="#">Product Environmental Profile</a>                                                                         |
| Circularity Profile        | <a href="#">End of Life Information</a>                                                                               |

Contractual warranty

|          |        |
|----------|--------|
| Warranty | 2-year |
|----------|--------|

Recommended replacement(s)