# Product datasheet

Specifications



# EVlink Pro AC, Charging station, AC Metal, 22kW, 32A, 3P+N, T2S socket-outlet, RDC-DD 6mA, MNx aux.

EVB3S22N4

## 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 direct current detection device (RDC-DD) integrated<br>1 MNx auxiliary contact integrated |
| **Accuracy class of energy meter** | Class 1 |
| **Protection device type** | Residual direct current detection device (RDC-DD) - 6 mA |
| **Poles description** | 3P + 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 |

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

| | |
|---|---|
| **Nominal output power** | 22 kW 32 A 380...415 V |
| **Socket number** | 1 |
| **Output type** | Front side T2 with shutter socket-outlet / silver plated contacts |
| **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** | IP55 |
| **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** | 153 mm |
| **Product 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** | 28.5 cm |

| | |
|---|---|
| **Package 1 Width** | 35.5 cm |
| **Package 1 Length** | 57.5 cm |
| **Package 1 Weight** | 8.7 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** | 43.0 kg |

## Offer Sustainability

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

### Recommended replacement(s)