# Product data sheet
## Characteristics

# EVB3S22N4A
## Charging station, EVlink Pro AC/AC Metal, 22kW, 32A, 3P+N, T2S socket-outlet, RDC-DD 6mA, RCD Asi 30mA, MNx aux.

Green Premium™ Product

## 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 residual current device (RCD) integrated<br>1 MNx auxiliary contact integrated<br>1 energy meter |
| Accuracy class | Class 1 |
| Protection device type | Residual direct current detection device (RDC-DD) - 6 mA<br>Residual current device (RCD) - 30 mAtype A-SI (Super Immunised) |
| 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 |
| 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 |
| Technology type | MIFARE Classic<br>MIFARE Ultralight<br>MIFARE Plus |
| RFID 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…40 °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 |
| 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 | 29.0 Cm |
| Package 1 Width | 36.0 Cm |
| Package 1 Length | 67.0 Cm |
| Package 1 Weight | 8.75 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 |

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| Package 2 Length | 80.0 Cm |
|---|---|
| Package 2 Weight | 41.0 Kg |

## Offer Sustainability

| Sustainable offer status | Green Premium product |
|---|---|
| REACh Regulation | 🔗REACh Declaration |
| EU RoHS Directive | Compliant 🔗EU RoHS Declaration |
| Mercury free | Yes |
| RoHS exemption information | 🔗Yes |
| China RoHS Regulation | 🔗China RoHS Declaration |
| Environmental Disclosure | 🔗Product Environmental Profile |
| Circularity Profile | 🔗End Of Life Information |

## Contractual warranty

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

**Product Life Status :  Commercialised**

Electrical Wholesale Supplies (Guildford)
01483 574 584