

# Product datasheet

Specifications



Charging station, EVlink Pro AC/AC Metal, 7.4kW, 32A, 1P+N, T2S socket-outlet, RDC-DD 6mA, RCD Asi 30mA, MNx aux.

EVB3S07N4A

## 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          | Charge detail records<br>Load management<br>Diagnosis capabilities<br>Software updates |

## 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 of energy meter | 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              | 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                                                                                                                              |

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

|                            |                                                                                                                                                                                  |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| [Us] rated supply voltage  | 220...240 V AC 50/60 Hz                                                                                                                                                          |
| Nominal output power       | 7.4 kW 32 A 222...240 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>IT (single phase network only allowed, 400V 3 phases network forbidden)                                                                                  |
| 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                                                                                                                                                                   |
| 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)                                                                                     |

## Environment

|                                       |             |
|---------------------------------------|-------------|
| IP degree of protection               | IP55        |
| IK degree of protection               | IK10        |
| Ambient air temperature for operation | -30...45 °C |
| Ambient air temperature for storage   | -40...80 °C |

|                   |          |
|-------------------|----------|
| Relative humidity | 5...95 % |
|-------------------|----------|

## Packing Units

|                              |           |
|------------------------------|-----------|
| Unit Type of Package 1       | PCE       |
| Number of Units in Package 1 | 1         |
| Package 1 Height             | 28.500 cm |
| Package 1 Width              | 35.500 cm |
| Package 1 Length             | 57.500 cm |
| Package 1 Weight             | 8.308 kg  |
| Unit Type of Package 2       | P06       |
| Number of Units in Package 2 | 4         |
| Package 2 Height             | 73.000 cm |
| Package 2 Width              | 60.000 cm |
| Package 2 Length             | 80.000 cm |
| Package 2 Weight             | 38.240 kg |

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

[Environmental Data explained >](#)

[How we assess product sustainability >](#)

| Environmental footprint                               |                                               |
|-------------------------------------------------------|-----------------------------------------------|
| Carbon footprint (kg.eq.CO2 per CR, Total Life cycle) | 1                                             |
| Environmental Disclosure                              | <a href="#">Product Environmental Profile</a> |

Use Better

| Materials and Substances               |                                      |
|----------------------------------------|--------------------------------------|
| Packaging made with recycled cardboard | Yes                                  |
| Packaging without single use plastic   | No                                   |
| <a href="#">EU RoHS Directive</a>      | Compliant with Exemptions            |
| SCIP Number                            | 0a787687-ca4b-4982-8684-548a3b52ac76 |
| REACH Regulation                       | <a href="#">REACH Declaration</a>    |

Use Again

| Repack and remanufacture |                                         |
|--------------------------|-----------------------------------------|
| Circularity Profile      | <a href="#">End of Life Information</a> |