

Product data sheet

Characteristics

EVB1A22P4RI

EVlink, Smart Wallbox - 7.4/22 kW - T2S - RFID



Main

| | |
|---------------------------|--|
| Range | EVlink |
| Product name | EVlink Smart Wallbox |
| Product or component type | Charging station |
| Device short name | EVB1 |
| Poles description | 3P + N for power circuit 1P + N for power circuit |
| Mounting mode | Pedestal mount Wall-mounted |
| Offer type | Standard |
| Rated supply voltage | 380...415 V AC 50/60 Hz 220...240 V AC 50/60 Hz |
| Max power | 22 KW 32 A 380...415 V 7.4 kW 32 A 222...240 V |
| Access control system | Badge RFID conforming to ISO/IEC 14443 A and B Badge RFID conforming to ISO/IEC 15693 Badge RFID conforming to ISO 14443-4 A |

Complementary

| | |
|-----------------------------|---|
| Socket-outlet number | 1 |
| Output type | Right side T2 with shutter socket-outlet / silver plated contacts |
| Earthing system | Compatible IT with additional isolation transformer on the power supply TT TN-S |
| Number of inputs | 6 |
| Connector type | RS485 for metering Modbus 3 RJ45 for Ethernet LAN connection |
| Input type | Binary for power limitation closing contact Binary for delayed charging closing contact |
| Control type | Can be controlled by remote 1 multi-colour illuminated push-button, function: stop/restart |
| Local signalling | 1 multi-colour LED, function: status indication |
| Communication port protocol | OCPP 1.6 |
| Configuration /Architecture | Standalone Clustered architecture |
| Operation and maintenance | Charge detail records Load management Diagnosis capabilities |
| Web server | Embedded |
| Ethernet service | Configuration via web server |
| Height | 480 mm |
| Width | 331 mm |
| Depth | 170 mm |

The information provided in this documentation contains general descriptions and/or technical characteristics of the products contained herein. 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. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

Environment

| | |
|---------------------------------------|---|
| Standards | IEC 62196-1 IEC 62196-2 IEC 61851-22 IEC 61851-1 |
| Product certifications | CE[RETURN]CB[RETURN]RCM |
| IP degree of protection | IP54 conforming to IEC 60529 |
| IK degree of protection | IK10 conforming to IEC 62262 |
| Ambient air temperature for operation | -30...50 °C |
| Ambient air temperature for storage | -40...80 °C |
| Relative humidity | 5...95 % |
| Net weight | 6.2 kg |
| Colour | White (RAL 9003) Grey (RAL 7016) |

Packing Units

| | |
|------------------------------|-----------|
| Unit Type of Package 1 | PCE |
| Number of Units in Package 1 | 1 |
| Package 1 Height | 27.000 cm |
| Package 1 Width | 40.000 cm |
| Package 1 Length | 54.000 cm |
| Package 1 Weight | 8.531 kg |
| Unit Type of Package 2 | P06 |
| Number of Units in Package 2 | 4 |
| Package 2 Height | 50.000 cm |
| Package 2 Width | 60.000 cm |
| Package 2 Length | 80.000 cm |
| Package 2 Weight | 43.032 kg |

Offer Sustainability

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