Product datasheet

Specifications



Charging station, EVlink Pro AC, 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 Bluetooth 3G/4G modem optional 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 Standalone
Function available	Diagnosis capabilities Charge detail records Load management

Complementary

Range compatibility	EVlink EcoStruxure EV Charging Expert EVlink EVlink Pro AC Metal EcoStruxure EcoStruxure EV Advisor
Type of installation	Indoor Outdoor
Provided equipment	1 residual direct current detection device (RDC-DD) integrated 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 Wall-mounted (kit enclosure) Floor-standing (pedestal) Floor-standing (kit enclosure)
Mounting support	Pedestal, to be ordered separately Kit enclosure, to be ordered separately
cable entry	Bottom entry Top entry Rear entry
[Us] rated supply voltage	380...415 V AC 50/60 Hz
Nominal output power	22 kW 32 A 380...415 V

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

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 Badge RFID conforming to ISO/IEC 15693 Badge NFC Free access
RFID compatible technology	MIFARE Classic MIFARE Ultralight MIFARE Plus
NFC frequency	13.56 MHz
NFC tag type	Type 1 Type 2 Type 4 Type 5
Earthing system	TT TN-S TN-C-S IT (single phase network only allowed, 400V 3 phases network forbidden)
Condition of use	3x230VAC (ph-ph) distribution forbidden
Number of inputs	3
Input type	Binary for power limitation closing contact Binary for delayed charging closing contact Binary for vehicle detection closing contact
Control type	can be controlled by remote
Local signalling	1 green LED light strip, function: available 1 blue LED light strip, function: charging 1 red LED light strip, function: fault indication
Standards	EN/IEC 61851-1:ed. 3 EN/IEC 62196-1:ed. 2 EN/IEC 62196-2:ed. 1 EN 61000-6-2:2019 EN 61000-6-3:2007 EN 61000-6-3:2011/A1 IEC 60884-1 NF C 61314 ISO 15118
Product certifications	EV Ready 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) Housing: dark grey (RAL 7016) Back part: black (RAL 9005)

Environment

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 %

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	8.700 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	43.000 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	Product Environmental Profile

Use Better

Materials and Substances

Packaging made with recycled cardboard	Yes
Packaging without single use plastic	No
EU RoHS Directive	Compliant with Exemptions
SCIP Number	0a787687-ca4b-4982-8684-548a3b52ac76
REACh Regulation	REACh Declaration

Use Again

Repack and remanufacture

Circularity Profile	End of Life Information