

Product data sheet

Characteristics

EVB3S22N40M

Charging station, EVlink Pro AC, AC Metal, 22kW, 32A, 3P+N, T2S socket-outlet, RDC-DD 6mA, MID meter



Main

Range	EVlink
Product name	EVlink Pro AC
Product or component type	Charging station
Device short name	EVB3
Directives	2014/32/EU - measuring instruments directive (MID)
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 energy meter integrated 1 MID meter 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
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[RETURN]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	28.000 cm
Package 1 Width	35.700 cm
Package 1 Length	57.500 cm
Package 1 Weight	8.489 kg
Unit Type of Package 2	P12
Number of Units in Package 2	4
Package 2 Height	71.000 cm
Package 2 Width	80.000 cm
Package 2 Length	120.000 cm
Package 2 Weight	41.000 kg

Offer Sustainability

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