Product data sheet
Characteristics

EVB3S07N4AM
Charging station, EVlink Pro AC/AC Metal, 7.4kW, 32A, 1P+N, T2S socket, RDC-DD 6mA, RCD Asi 30mA, MNx aux., 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 residual current device (RCD) integrated 1 MNx auxiliary contact integrated 1 energy meter integrated 1 MID meter integrated 1 badge
Accuracy class	Class 1
Protection device type	Residual direct current detection device (RDC-DD) - 6 mA Residual current device (RCD) - 30 mAtype A-SI (Super Immunised)
Poles description	1P + 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	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 Badge RFID conforming to ISO/IEC 15693 Badge NFC Free access
Technology type	MIFARE Classic MIFARE Ultralight MIFARE Plus
RFID 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)
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
Condition of use	To be ordered separately
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…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	28.000 Cm
Package 1 Width	36.000 Cm
Package 1 Length	57.000 Cm

Package 1 Weight	8.528 Kg
Unit Type of Package 2	P06
Number of Units in Package 2	4
Package 2 Height	71.000 Cm
Package 2 Width	60.000 Cm
Package 2 Length	80.000 Cm
Package 2 Weight	39.112 Kg

Offer Sustainability

Recyclability potential, in %	26
Total lifecycle Carbon footprint	634 kg CO2 eq.
Carbon footprint of the manufacturing phase [A1 to A3]	166.83155184052745
Carbon footprint of the manufacturing phase [A1 to A3]	167 kg CO2 eq.
Carbon footprint of the distribution phase [A4]	4.614457052422259
Carbon footprint of the distribution phase [A4]	5 kg CO2 eq.
Carbon footprint of the installation phase [A5]	3.705566398947215
Carbon footprint of the installation phase [A5]	4 kg CO2 eq.
Carbon footprint of the use phase [B2, B3, B4, B6]	449.5200598982543
Carbon footprint of the use phase [B2, B3, B4, B6]	450 kg CO2 eq.
Mercury free	Yes
Sustainable packaging	No
Carbon footprint of the end-of-life phase [C1 to C4]	9.809863259755016
Carbon footprint of the end-of-life phase [C1 to C4]	10 kg CO2 eq.
Environmental Disclosure	Product Environmental Profile
Total lifecycle Carbon footprint	634
Packaging made with recycled cardboard	No
Packaging without single use plastic	No
SCIP Number	0a787687-ca4b-4982-8684-548a3b52ac76
REACh Regulation	Reference contains Substances of Very High Concern above the threshold
EU RoHS Directive	Compliant By Exemption
End of life manual availability	End Of Life Information
Removable battery	No
Take-back	No
WEEE Label	The product must be disposed on European Union markets following specific waste collection a

Contractual warranty

Warranty (in months)	24

Product Life Status : Commercialised