Product datasheet

Specifications

EV charge controller, EcoStruxure EV Charging Expert, 5 charging stations, dynamic charge management

HMIBSCEA53D1EDB

Main

Range	EcoStruxure EV Charging Expert
Product name	EcoStruxure EV Charging Expert
Product or component type	EV charge controller
Type of installation	Indoor

Complementary

Installed device	Modem 3G/4G (to be ordered separately) Meter device (to be ordered separately)
Range compatibility	EVlink (EVlink Smart Wallbox) EVlink (EVlink parking) EVlink (EVlink City)
Device application	To manage the overall energy allocated to each vehicle
Mounting mode	Wall mount
Mounting support	Rail
Mounting position	Horizontal/vertical
Load management	Dynamic
Max managed charging stations	5 charging stations
Max managed charging points	10 charge points
Max nb of zone levels	2
Max nb of zones	2
Functions selection	Without priority charging profile Without time-of-use settings
Communication interface	Ethernet RJ45 Cat.6 to connect device to charging station Ethernet RJ45 to connect device to charging station Modem to connect device to central management system
Communication service	Web server for OCPP 1.6 Via Modem
OCPP version	JSON
[Us] rated supply voltage	12...24 V DC
Power consumption in W	16 W
Input type	Energy meter
Electromagnetic compatibility	Conducted and radiated emissions class A conforming to EN 55022
Height	150 mm

Width	157 mm
Depth	46 mm
Net weight	1 kg
Standards	EN/IEC 61131-2 EN 55011 EN/IEC 61000-6-4
Product certifications	CE EAC RCM
Targeted country	All
Services	Commercial service plan0...50 °C

Environment

IP degree of protection	IP40
Ambient air temperature for operation	0…50 °C
Ambient air temperature for storage	-20…60 °C
Operating altitude	0...2000 m
Relative humidity	10…95 %

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	8.5 cm
Package 1 Width	22.0 cm
Package 1 Length	32.0 cm
Package 1 Weight	1.364 kg
Unit Type of Package 2	S04
Number of Units in Package 2	6
Package 2 Height	30.0 cm
Package 2 Width	40.0 cm
Package 2 Length	60.0 cm
Package 2 Weight	9.244 kg

Offer Sustainability

REACh Regulation	REACh Declaration
EU RoHS Directive	Pro-active compliance (Product out of EU RoHS legal scope) EU RoHS Declaration
Mercury free	Yes
China RoHS Regulation	China RoHS declaration
RoHS exemption information	Yes
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

Recommended replacement(s)