TECHNICAL DATA SHEET

ABL SURSUM

CHARGING STATION eMH1
Mobil 11 kW
EVSE 6A2

The portable eMH1 EVSE 6A2 charging station with internal type 2 charging socket comes in a rugged rubber case and is designed for mobile applications in repair shops and/or garages. For easy electrical connection, the supply cable is fitted with a CEE plug for 16 A industrial power outlets. The integrated RCCB ensures a particularly high level of operating safety.

Design may vary

General information

Model	eMH1
Part number	EVSE 6A2
Item number (EAN)	4011721170015
Commodity code	85371091
Packaging unit (PU)	1 unit
Packaging (dimensions HxWxD)	405 x 310 x 310 mm
Includes	charging station EVSE 6A2, Instruction Manual

Input/Supply

Power supply	Via integrated supply cable with 5-pole CEE plug
Rated voltage	230/400 V
Rated current	16 A
Rated frequency	50 Hz
Upstream fuse	16 A (required onsite), C characteristic recommended
Terminal block	-

Output/vehicle connection

Connection system	Single type 2 charging socket in acc. with IEC62196-2
Output voltage	230/400 V
Max. charging current	16 A
Maximum output	11 kW
Shut down (Standby)	all contacts

Protection/integrated components

RCCB	RCCB Type B, 30 mA
DC fault current detection	-
Energy meter	-
Installation contactor	4-pole (charging procedure activation)

Charge control/status indicators

Charge controller	EVCC
Communication	in acc. with IEC 61851-1, Mode 3
Operating status indicator	LED (stand-by, EV detected, charging)
Firmware indicator	LED (flashes on startup)
Fault indicator	LED (various flash patterns)
Interface	RS485
RFID card reader	-

Standards/Directives

IEC 61851-1 Ed 2.0:2010

Operating conditions

Storage temperature	-30°C to 85°C
Operating temperature	-25°C to 50°C
Relative humidity	5 to 95%, no condensation
Class of protection	I
Overvoltage category	III
Pollution degree	3
Degree of protection (housing)	IP44
Power dissipation	n/a

Housing

Type:	Free-standing housing
Fixing type	-
Material (housing)	Solid rubber
Housing color	RAL9005 black
Material (cover)	Plastic
Locking mechanism	Manually lockable self-closing clear plastic cover
Dimensions (HxWxD)	306 x 300 x 240 mm (± 1 mm), cover closed 306 x 300 x 310 mm (± 1 mm), cover open
weight	ca. 8,5 kg

Accessories

Type 2 charging cable	Type 2 to Type 2
Adapter cable	Type 2 to Type 1

Dimensioned drawing