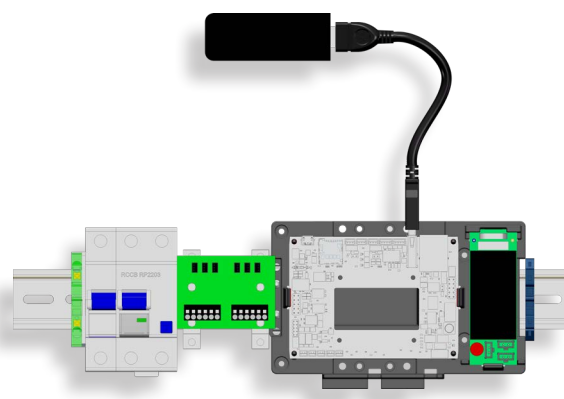


CONTROL UNIT 1V0002 FOR MASTER/SLAVE APPLICATIONS

Our 1V0002 external control unit is specially designed for use in group solutions based on the master-slave principle, which are billed via a backend. The 1V0002 was developed for installation in suitable distribution enclosures or switch cabinets and replaces the master wallbox for configuration and control of up to 16 eMH2 or eMH3 slave wallboxes. Integrated load management intelligently distributes the total charging current available from the domestic power installation to all charging points in the system. Its backend communication via an integrated LTE module and OCPP makes the 1V0002 external control unit particularly suitable for use in semi-public and public applications.



General information

Model	External control unit
Model number	1V0002
EAN number	4011721180090
Commodity code	85371091
Packaging unit (PU)	1 unit
Packaging (dimensions HxWxD)	150 x 345 x 150 mm
Components included	Control unit, printed quick reference guide

Input/mains supply

External power supply	for supply cable sizes up to 2 x 50 mm ² (RCCB) and 1 x 4 mm ² (PE)
Rated voltage	230 V
Rated current	0,2 A (40 A inrush current)
Rated frequency	50 Hz
Upstream fuse	not required
Terminal block	Direct connection to RCD PE to terminal block

Protection/integrated components

RCCB	RCD, Type A, 30 mA
MCB	B characteristic, 6 A, 1+N

Charging monitor

Backend communication	LTE dongle, OCPP 1.6
-----------------------	----------------------

Standards/guidelines

IEC 61439-1

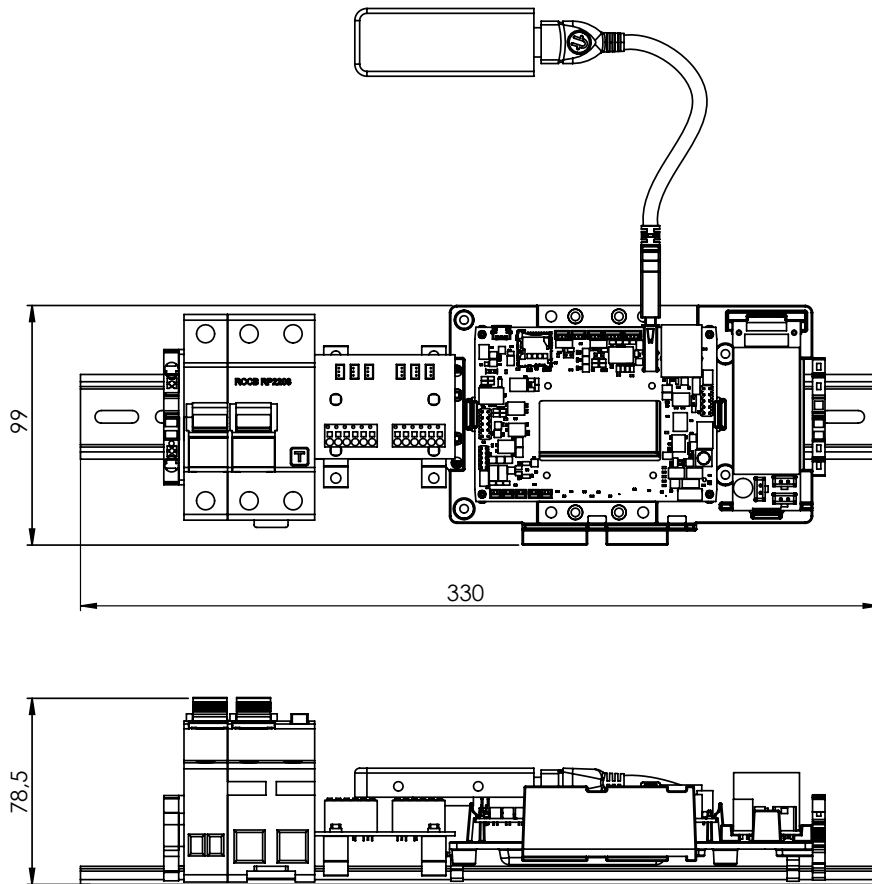
Operating conditions

Operating temperature	-30 to 40°C
Storage temperature	-30 to 85°C
Relative humidity	5 to 95%, no condensation
Class of protection	I
Overvoltage category	III
Degree of pollution	3
IP rating	acc. to installation enclosure, at least IP44
Maximum elevation	≤ 2,000 m AMSL
Power dissipation	4.5 W

Construction

Type	Electronic modules premounted on DIN rail
Assembly	Installation in suitable distribution enclosure or switch cabinet
Dimensions (HxWxD)	99 × 330 × 78.5 mm
Weight (net)	Approx. 0.7 kg
Weight (gross)	Approx. 0.9 kg

Dimensioned drawing



Subject to change: All features, specifications and other information are subject to change without notice.