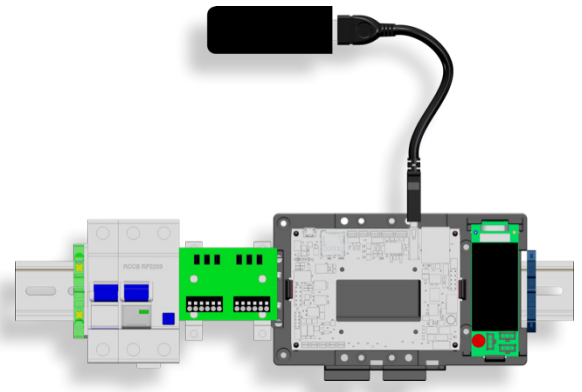


CONTROL UNIT 1V0002 FOR CONTROLLER/EXTENDER APPLICATIONS

Our external control unit 1V0002 is specially designed for use in group solutions based on the Controller/Extender principle, which are billed via a backend. The 1V0002 has been designed for installation in a suitable power distribution box or a switchboard cabinet and replaces the controller wallbox for configuring and controlling up to 16 extender Wallboxes eMH2 or eMH3. Integrated load management intelligently distributes the total charging current available from the domestic power installation to all charge points in the system. Its backend communication via OCPP makes the external control unit 1V0002 particularly suitable for use in semi-public and public applications.



General information

Model	External control unit
Product number	1V0002
EAN number	4011721180090
Commodity code	85371091
Packaging unit (PU)	1 unit
Packaging (dimensions HxWxD)	150 x 345 x 150 mm
Items supplied	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 blocks	Direct connection to RCD PE to terminal block

Protection/integrated components

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

Charge monitoring

Backend communication	OCPP 1.5 and 1.6 via LAN or LTE/WIFI (optional)
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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

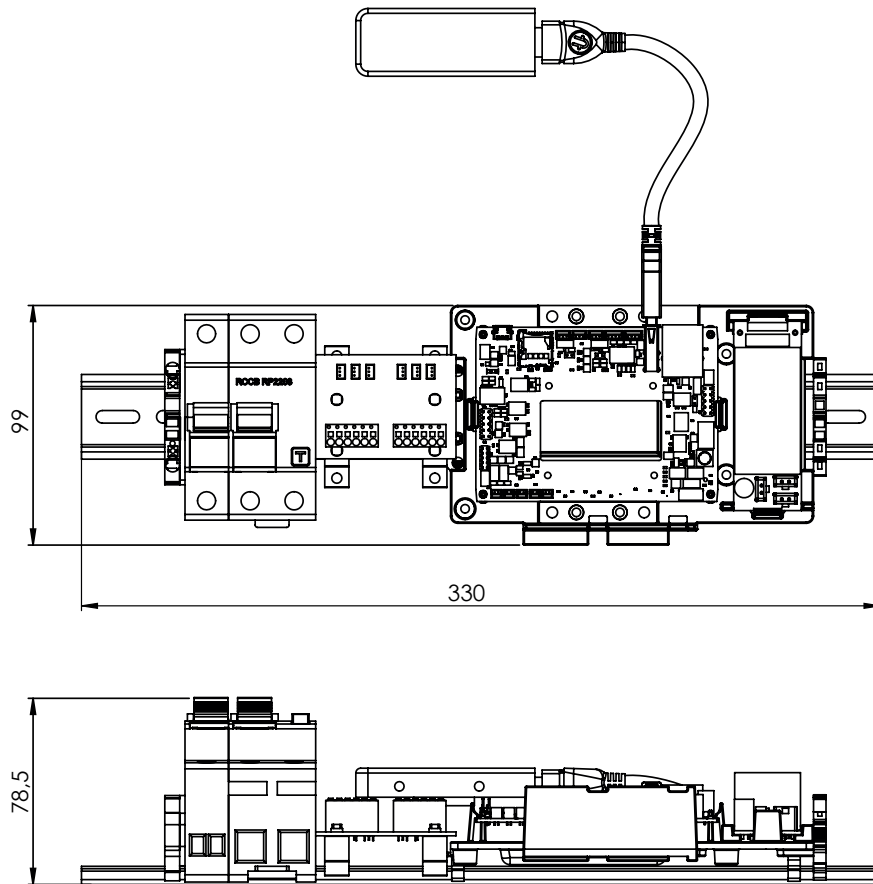
Construction

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

Optional accessories

Configuration kit	CONF CAB
LTE accessory package	E3BLTE1
WLAN accessory package	E3BWLAN
see website at www.ablmobility.de	

Dimensioned drawing



Subject to change: All performance characteristics, technical and other specifications are subject to change without prior notice.