

CONTROL UNIT 1V0001

FOR CONTROLLER/EXTENDER APPLICATIONS & reev Dashboard Pro

The external control unit is specially designed for use in group solutions based on the Controller/Extender principle. It replaces the controller wallbox and then takes over the configuration and control of up to 16 charging points. The 24-month reev Dashboard Pro licence enables future-proof operation, regular software updates, as well as easy monitoring and management for automated monthly invoicing for employees, customers and visitors. Integrated load management intelligently distributes the total charging current available from the domestic power installation to all charge points in the system. Its Dashboard communication via an integrated LTE module and OCPP makes the external control unit particularly suitable for use in semi-public and public applications.



General information

Model	External control unit
Product number	1V0001P
EAN number	4011721181554
Commodity code	85371091
Packaging unit (PU)	1 unit
Packaging (dimensions HxWxD)	370 x 285 x 170 mm
Items supplied	Control unit, installation kit

Input/mains supply

External power supply	for supply cable sizes up to 2 × 50 mm ² (RCCB) and 1 × 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
Cable entry	1 × M32 (top side) and 2 × M32 (bottom side)

Protection/integrated components

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

Software/Backend

Access control	Unlimited driver and vehicle access rights allocated via RFID cards
Smartphone app for drivers	Entering payment and invoicing details, accessing transaction histories, available for Android and iOS
Management & monitoring	Simple and user-friendly administration of EV charging infrastructure via the reev online Dashboard
Analytics	Clear visual representations of charging procedure and consumer behaviour analyses
Public EV charging*	Easy access for visitors and incidental charging via QR code or EV charging card; ad hoc invoicing via credit card, Apple Pay, Google Pay or eRoaming
EV charging with consumption monitoring	Cost monitoring for company cars and fleet vehicles, exporting charging histories
EV charging for registered drivers*	Automated monthly invoicing via credit card for access via RFID card, individual tariff setting for different user groups
Software updates	Automatic and free software updates

* Due to the applicable weights and measures legislation, this function is unavailable in Germany. Retrofitting is not possible.

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	IP44
Maximum elevation	≤ 2,000 m AMSL
Power dissipation	4.5 W

Standards/guidelines

IEC 61439-1

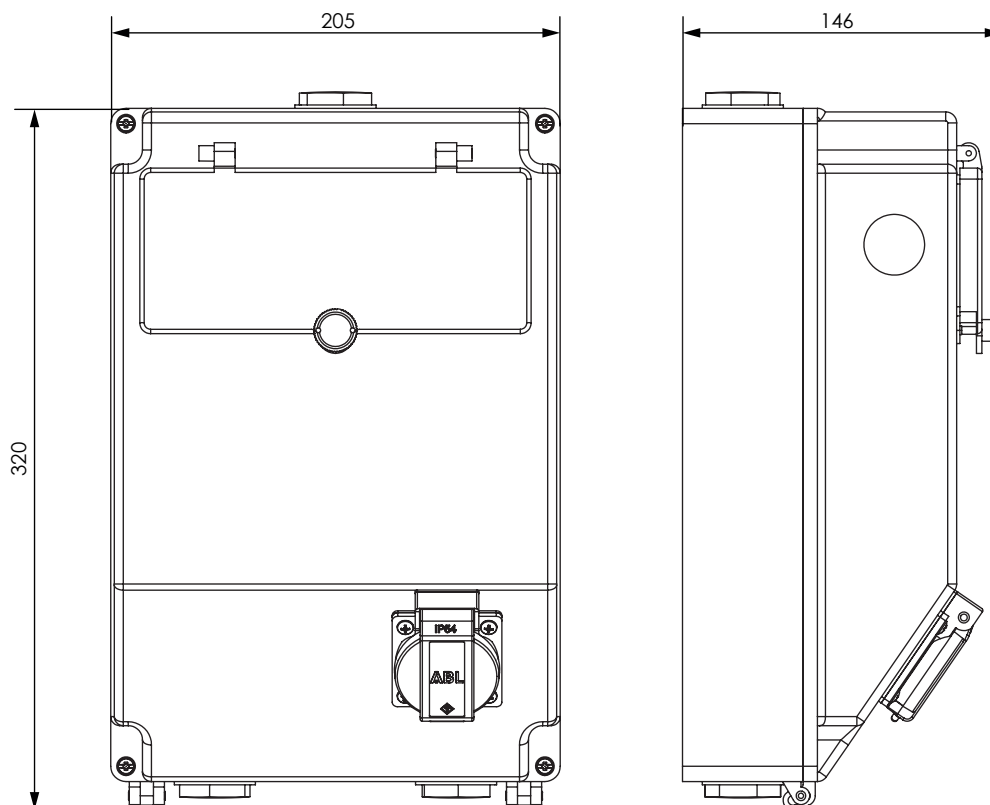
Housing

Type	Wall-mounted housing
Fixing type	Wall bracket (mounting kit provided)
Material (housing)	Plastic
Housing colour	Anthracite
Material (cover)	Plastic
Cover colour	Light grey
Locking mechanism	Metric screw with knurled plastic head
Dimensions (HxWxD)	320 x 205 x 146 mm
Weight (net)	approx. 2 kg
Weight (gross)	approx. 3.5 kg

Optional accessories

Configuration kit	CONF CAB
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.

ABL SURSUM
Bayerische Elektrozubehör GmbH & Co. KG

Albert-Büttner-Straße 11
D-91207 Lauf / Pegnitz

Phone +49 (0) 9123 188-0
Fax +49 (0) 9123 188-188

info@abl.de
www.ablmobility.de

reev
by emonvia GmbH

Theo-Prosel-Weg
D-80797 München

Phone +49 (0) 89 215 389 70

sales@reev.com
www.reev.com