The next generation of smart charge controllers

CC613 charge controller

Future-proof controller with a modular design

The CC613 already integrates Powerline Communication (PLC) according to ISO 15118. Various authorisation options such as Giro-e are just as natural as regular software updates.

Dynamic load management (DLM)

The simple implementation of a networked charging infrastructure with up to 250 charging points (master/slave) guarantees a highly efficient distribution of the available energy.

Integrated 6 mA DC residual current detection

The standard 6 mA DC residual current detection integrated in the controller according to IEC 62955 makes the use of an expensive RCD type B unnecessary. A significantly less expensive RCD type A is sufficient.

Additional product features of the CC613

- Billing option by using the current OCPP standard (1.5 & 1.6, JSON & SOAP) in combination with Modbus meters from different manufacturers.
- The integrated emergency opener allows the end user to remove the cable quickly and safely in case of an emergency or power failure.
- Sustainable investment thanks to update options (software and hardware).
- Authorisation can take place via the RFID interface or via OCPP using an APP/QR code. RFID module can be ordered separately.
- The charge controller can also be controlled remotely via OCPP and allows for comprehensive monitoring (including AC/DC fault currents).
- For easy networking of the charge controllers, the CC613 has an integrated Ethernet interface. Connection to an energy management system (EMS) via EEBUS can also be easily implemented.
- With the newly integrated 230 V control relay, the contactor can be switched directly with the CC613 for power release on the vehicle side without an additional relay.
- Continuous PE monitoring ensures that the PE connection to the controller is properly established.

Bender eMobility solutions:

Standard-compliant solutions from the charging station to the electric vehicle

- Vehicle sensors (insulation monitoring)
- Charging technology/charge controller
  - RFID module
  - Measuring current transformer W15BS
  - Displays
- Infrastructure sensors for AC and DC charging

Type	Modem	Interface	RDC-M	External Modbus	LED	PLC	User interface	Art. No.
CC613-ELM4PR-M	4G	Modbus, Ethernet	✓	✓	Status	✓	✓	B94060020
CC613-ELPR-M				✓				B94060021
CC613-ELM4PR	4G							B94060026
CC613-ELPR								B94060027