

TRAINING SUITCASE OF AN ELECTRIC VEHICLE CHARGING STATION

Discover quickly and easily the elements of an electric vehicle charging station installation with this compact and intuitive suitcase.

This training suitcase is ideal for an introduction to your students!

Safe wiring on 4mm terminals. Safety leads and power supply cable are provided. Component marking informations and other technical characteristics are screen-printed on the faces.

PEDAGOGICAL OBJECTIVES

- Study an installation of an electric vehicle charging station.
- Commission an electric vehicle charging station.
- Configure an access control via keypad with code and RFID badge
- Set up a clock control
- Study the different types of charging sockets for electric vehicles

Proposed practical work

- Component identification
- Creation of a wiring diagram based on technical documentation
- Creation of a wiring diagram according to usage scenarios (collective/individual)
- Wiring of the circuit of the charging station
- Creation of circuit controlled by time switch (clock)
- Creation of circuit controlled by RFID keypad / badge
- Connection to the charging station via Bluetooth

COMPOSITION

On the upper side

- 1 clock switch
- 1 delayed relay
- 1 push button
- 1 keypad code / RFID badge reader

On the lower side

- 1 Type 2 Electric Vehicle Charging Station
- 1 RCD with emission coil block
- 2 contactors
- 1 Surge Protector

SUPPLIED ACCESSORIES

- 1 charging station tester
- 3 RFID badges



ref. VAL-EV

DELIVERED WIRED
READY TO USESTUDENT/TEACHER
EDUCATIONAL FILE

Suitcase with ergonomic handle.
Dimensions 534 x 374 x 190mm.
Powered via 230Vac-2P+E AC cord.