

## DazeBox Home T

Installation of the DazeBox Home T charging equipment for fast charging of BEV/PHEV type electric vehicles:

- DazeBox Home T 7.4kW single-phase 230Vac 50 Hz, In = 32A
- charging mode: mode 3
- cable with connector: type 2 with length L=5 m
- IP55 grade
- IK08 grade resistance
- Operating temperature -25° +50°C
- connectivity and other features as per product data sheet attached to the technical report.

Including:

- Dynamic Power Management, an energy management system device. It is capable of calculating the total power available for recharging at plant level based on the contracted power and the total energy consumption of the plant. This device consists of an amperometric transformer, designated CT-L1, to be inserted downstream of the consumer's meter, and an adapter, designated CT box.
- Daze app to enable/disable charging.
- DC Leakage devices to detect ground fault currents in DC component >6 mA).
- Dual relays to ensure increased protection against direct contacts (according to EN 61851-1 cl. 8.1)
- Backup batteries to ensure continuity of service in the event of main power failure.
- Predisposition for communication on RS485 serial line.
- Predisposition for connection between several wallboxes for the exchange of information (power sharing).
- RFID for authentication and charging start-up
- Predisposition for adequate upstream protection to be sized according to load and length of line.

Not included:

- power cable type FG16OR16, marked L01, formation 3G6mm<sup>2</sup>, derived from the charging system distribution board.
- Thermal-magnetic circuit breaker In=40A, curve C, breaking capacity 6kA, dedicated to the protection of the power supply line of the equipment and designated MCB in drawing 1.
- Residual current circuit breaker In=40A, Type A, Idn=30mA, dedicated to the protection of the apparatus power supply line and designated RCD in drawing 1.
- Cable H05RN-F 2x0.75mm<sup>2</sup>, for Modbus RTU.
- Category 5e SF/UTP cable (CPR with fire rating belonging to Euroclass Cca-S1b,d1,a1), designated L04, for connecting the device to the DPM.
- Mechanical cable protection with piping and/or insulating sheathing of suitable diameter (1.4 times the diameter of the cable harness) with protruding mounting from the duct position to the device .

Compliant with IEC/EN 61851-1, IEC/EN 62196-2 and complete with CE marking.