# **CH-W-S-A7.4-P-E 2875210000**

Mode 3 AC EV charging box SMART ECO with a maximum charging capacity of 7.4 kW at 1-phase (230 V) grid conection, maximum charging current of 32 A (Current limit can be set individually), with permanently attached charging cable (5m) and type 2 plug, integrated 6 mA residual current detection (DC), LEDs for status indication, robust IP54-housing, installation friendly housing concept for easy and fast assembly, different digital and serial Interfaces, networkable, updatable, mobile app for remote control and configuration

Technical Data

|  |  |
| --- | --- |
| *Dimensions and weight:*  Dimensions: 268 x 433 x 150 mm  Net weight: 5.1 kg  *Temperatures and storage:*  Storage temperature: -40 °C … 70 °C  Operating Temperature: -30 °C … 45 °C  Humidity: 5 … 95% rel. humidity  *Performance specification:*  Charge mode: Mode 3 according to IEC 61851-1  Input voltage type: AC  Grid connection: 230 V AC 1-phase  Max. charging capactiy: 7.4 kW  Max. Charging current: 32 A (Adjustable in 1 A Steps)  Min. Charging current: 6 A  *System requirements:*  Connection system: With attached 5 m cable and type 2 plug  Type of communication to vehicle: Control Pilot (CP), Proximity Pilot / Plug Present (PP)  Protection class: I  Surge voltage category: III  Pollution severity: 3  *Features:*  Type of status indicator: RGB LED  Welding detection: Yes  Failure shutdown: Yes  Failure Shutdown method: All-pole  Integrated DC residual current protection: 6 mA  Type of residual current detection to be provided by the installation: RCD type A  Mobile App available: Yes  User authentification type: Mobile App  Supported protocols: Modbus RTU, Modbus TCP | *Interfaces*:  WiFi: Yes (2.4 GHz)  Bluetooth module: Bluetooth low energy  Ethernet ports: 1  Digital inputs: 5 (12 V / 6 mA)  Digital outputs: 1 (12 V / 100 mA)  Serial interfaces: RS485  *Assembly:*  Assembly: Wall mounting,  stand mounting  *Included in delivery:*  Included in delivery: Drilling template, Instruction sheet, Mounting screws, Assembly dowels  *Housing:*  Operating altitude: ≤ 3000 m  Housing main material: PC  Protection degree: IP54  Colour: black, Anthracite, grey  *Approvals and Norms*: IEC 61851-1, IEC 61851-21-2, IEC 62196-1, IEC 62196-2, EN 50620, EN 301 489-1, EN 301 908-1, EN 301 511, EN300 328, EN 300 330 v.2.1.1, EN 62368-1, EN 55011  *Connection data (supply cable):*  Conductor cross-section, max.: 16 mm²  Manfacturer: Weidmüller |