

**CH-W-S-A11-P7.5-E****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**General ordering data**

|            |  |
|------------|--|
| Version    | Wallbox, With attached 7.5 m cable and type 2 plug, Mobile App |
| Order No.  | <a href="#">2911200000</a>                                     |
| Type       | CH-W-S-A11-P7.5-E  |
| GTIN (EAN) | 4099986532175  |
| Qty.       | 1 pc(s).   |

Creation date July 30, 2023 6:16:16 PM CEST

Catalogue status 24.07.2023 / We reserve the right to make technical changes.

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## Technical data

## Dimensions and weights

|            |         |                 |             |
|------------|---------|-----------------|-------------|
| Depth      | 150 mm  | Depth (inches)  | 5.905 inch  |
| Height     | 433 mm  | Height (inches) | 17.047 inch |
| Width      | 268 mm  | Width (inches)  | 10.551 inch |
| Net weight | 5,423 g |                 |             |

## Temperatures

|                             |                |                             |                |
|-----------------------------|----------------|-----------------------------|----------------|
| Storage temperature         | -40 °C...70 °C | Operating temperature       | -30 °C...50 °C |
| Operating temperature, min. | -30 °C         | Operating temperature, max. | 50 °C          |

## Material data

|                                       |        |                             |       |
|---------------------------------------|--------|-----------------------------|-------|
| Max. relative humidity during storage | 95 %   | Operating temperature, max. | 50 °C |
| Operating temperature, min.           | -30 °C | Storage temperature, max.   | 70 °C |
| Storage temperature, min.             | -40 °C |                             |       |

## Performance specification

|                           |                             |       |
|---------------------------|-----------------------------|-------|
| Performance specification | Input voltage type          | AC    |
|                           | Input voltage               | 400 V |
|                           | Input current, max.         | 16 A  |
|                           | Charging power, max         | 11 kW |
|                           | Adjustment accuracy         | 1 A   |
|                           | Charging current adjustable | Yes   |
|                           | Charging current, min       | 6 A   |

## System requirements

|                        |   |                                  |   |
|------------------------|---|----------------------------------|---|
| Connection system      | With attached 7.5 m cable and type 2 plug | Type of communication to vehicle | Control Pilot (CP), Proximity Pilot / Plug Present (PP) |
| Charge mode            | Mode 3                                    | Protection class                 | I   |
| Surge voltage category | III                                       | Pollution severity               | 3   |

## Features

|                          |            |   |                                      |
|--------------------------|------------|---|--------------------------------------|
| Protection degree        | IP54       | Type of status indicator  | RGB LED                              |
| Welding detection        | Yes        | Failure shutdown  | Yes                                  |
| Failure shutdown method  | All-pole   | DC - residual current detection integrated                            | Yes                                  |
| DC - residual current    | 6 mA       | Type of residual current detection to be provided by the installation | RCD Type A                           |
| User authentication      | Yes        | Mobile App available  | Yes                                  |
| User authentication type | Mobile App | Integrated energy measuring MID conform                               | Yes                                  |
| Communication integrated | Yes        | Supported protocols   | Modbus RTU, Modbus TCP, OCPP 1.6 (J) |

## Interfaces

|                                      |                            |                 |                   |
|--------------------------------------|----------------------------|-----------------|-------------------|
| Wifi frequency                       | 2.4 GHz                    | Wifi Standard   | 802.11 b/g/n      |
| Bluetooth module                     | Bluetooth Low Energy (BLE) | Ethernet ports  | 1                 |
| Digital inputs                       | 1 (12 V / 6 mA)            | Digital outputs | 1 (12 V / 100 mA) |
| Type of protocol of serial interface | RS485                      |                 |                   |

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**Technical data**

**Assembly**

Installation 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 |
| Impact resistance  | IK10 in accordance with IEC 62262 |                       |                         |

**Approvals and norms**

Approvals 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, EN 300 328, EN 300 330 v.2.1.1, EN 62368-1, EN 55011

**Connection data (supply cable)**

Conductor cross-section, max. 16 mm<sup>2</sup>

**Classifications**

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC002883    | ETIM 7.0    | EC002883    |
| ETIM 8.0    | EC002883    | ECLASS 9.0  | 27-14-47-01 |
| ECLASS 9.1  | 27-14-47-01 | ECLASS 10.0 | 27-14-47-01 |
| ECLASS 11.0 | 27-14-47-01 | ECLASS 12.0 | 27-14-47-01 |

**Approvals**

Approvals



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## Downloads

|   |   |
|---|---|
| Approval/Certificate/Document of Conformity | <a href="#">CE declaration</a>  |
| Engineering Data                            | <a href="#">Installationsvideo AC SMART</a><br><a href="#">Installation Video AC SMART</a><br><a href="#">AC SMART Modbus registers</a><br><a href="#">Application notes – Use of an external Modbus TCP/RTU tag list (DE, EN)</a>  |
| Software                                    | <a href="#">Firmware – Current Bluetooth Firmware AC SMART</a><br><a href="#">Firmware – Current Firmware AC SMART</a><br><a href="#">Firmware – Current WiFi Firmware AC SMART</a><br><a href="#">Firmware – Archive Firmware files AC SMART</a><br><a href="#">Firmware – Release notes Current firmware AC SMART</a> |
| Technical Documentation                     | <a href="#">Abnahmeprotokoll AC SMART</a>   |
| Tender specification                        | <a href="#">Ausschreibungstexte</a><br><a href="#">Tender text</a>  |
| User Documentation                          | <a href="#">Broschüre Wallbox AC SMART, AC Ladekabel, Basiskomponenten</a><br><a href="#">Brochure EV charging box AC SMART, AC charging cables, Basic components</a><br><a href="#">MANUAL AC SMART (DE, EN, FR, IT, ES, NL, SV, CS)</a><br><a href="#">Instructionsheet AC SMART</a>                                  |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>  |

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**Drawings**

