

**CH-W-S-A7.4-P-E****Weidmüller Interfaces GmbH & Co. KG**

Postfach 3030

32760 Detmold

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Fax. +49 5231 14-2083

info@weidmueller.com

www.weidmueller.com

**General ordering data**

Version	Wallbox, max. charging capacity of 7.4 kW @ 1-phase (230 V) grid connection, max. current 32 A, With attached 5 m cable and type 2 plug, Mobile App
Order No.	<a href="#">2875210000</a>
Type	CH-W-S-A7.4-P-E
GTIN (EAN)	4064675650775
Qty.	1 pc(s).

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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	5,100 g		

## Temperatures

Storage temperature	-40 °C...70 °C	Operating temperature	-30 °C...50 °C
Operating temperature, min.	-30 °C	Operating temperature, max.	50 °C
Humidity	5 - 95% rel. humidity		

## 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	Number of phases input	1
	Input voltage type	AC
	Input voltage	230 V
	Input current, max.	32 A
	Charging power, max	7.4 kW
	Adjustment accuracy	1 A
	Charging current adjustable	Yes
	Charging current, min	6 A
Performance specification	max. charging capacity of 7.4 kW @ 1-phase (230 V) grid connection, max. current 32 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)
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	Energy measurement integrated	No
Load management integrated	No	Communication integrated	Yes
Supported protocols	Modbus RTU, Modbus TCP		

## Data sheet

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### Interfaces

Wifi frequency	2,4 GHz	Wifi Standard	www.weidmueller.com 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		

### Assembly

Installation	Wall mounting, Stand Mounting
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### Included in delivery

Included in delivery	Drilling template, Instruction sheet, Mounting screws, Assembly dowels
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### 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
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### Connection data (supply cable)

Type of connection	PUSH IN	Conductor cross-section, max.	16 mm <sup>2</sup>
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### 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

### Environmental Product Compliance

REACH SVHC	Lead 7439-92-1 Potassium perfluorobutane sulfonate 29420-49-3
SCIP	d677010f3c13-4196-b022-f62e8f2ef6a2

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## Technical data

### Downloads

Approval/Certificate/Document of Conformity	<a href="#">CE declaration</a>
Engineering Data	<a href="#">Installationsvideo AC SMART</a> <a href="#">Installation Video AC SMART</a> <a href="#">AC SMART Modbus registers</a>
Software	<a href="#">Firmware – Current Bluetooth Firmware AC SMART</a> <a href="#">Firmware – Current Firmware AC SMART</a> <a href="#">Firmware – Current WiFi Firmware AC SMART</a> <a href="#">Firmware – Archive Firmware files AC SMART</a> <a href="#">Firmware – Release notes Current firmware AC SMART</a>
Tender specification	<a href="#">Ausschreibungstext</a> <a href="#">Tender text</a>
User Documentation	<a href="#">Broschüre Wallbox AC SMART, AC Ladekabel, Basiskomponenten</a> <a href="#">Brochure EV charging box AC SMART, AC charging cables, Basic components</a> <a href="#">Abnahmeprotokoll AC SMART</a> <a href="#">MANUAL AC SMART (DE, EN, FR, IT, ES, NL, SV, CS)</a> <a href="#">Application notes – Instructionsheet AC SMART</a>
Catalogues	<a href="#">Productcatalogue e-mobility</a>

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**Drawings**

