

CH-W-B-A7.4/22-SPNM**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com



Charging solutions for professionals
Help get you back on the road again quickly

General ordering data

Version	Wallbox, max. charging capacity of 7.4 kW @ 1-phase (230 V) resp. 22 kW @ 3-phase (400 V) grid connection, max. current 32 A, Type 2 socket outlet, NFC, RFID, MID compliant, Modbus TCP
Order No.	2744060000
Type	CH-W-B-A7.4/22-SPNM
GTIN (EAN)	4050118895704
Qty.	1 pc(s).

Creation date October 13, 2021 10:17:00 PM CEST

Catalogue status 08.10.2021 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

Depth	197 mm	Depth (inches)	7.756 inch
Height	360 mm	Height (inches)	14.173 inch
Width	360 mm	Width (inches)	14.173 inch
Weight	10,380 g	Net weight	7,790 g

Temperatures

Storage temperature	-40 °C...70 °C	Humidity at storage temperature	5 - 95% rel. humidity
Operating temperature	-25 °C...55 °C		

Environmental Product Compliance

REACH SVHC	Lead 7439-92-1, Potassium perfluorobutane sulfonate 29420-49-3
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Assembly

Installation	Included in delivery	Assembly dowels, Mounting screws, 5 RFID- transponder
	Wall mounting	

Features

On- / Off-Switch integrated	No	Automatic plug unlocking in case of power loss available	Yes
Plug lock available	Yes	Status display available	Yes
Welding detection	Yes	Failure shutdown	Yes
Failure shutdown method	All-pole	DC - residual current detection integrated	Yes
Type of integrated residual current detection	DC residual current sensor	DC - residual current	6 mA
AC - residual current detection integrated	No	AC - residual current	30 mA
Type of residual current detection to be provided by the installation	RCD Type A	User authentication	Yes
User authentication type	NFC, RFID	With energy meter	Yes
Energy meter type	MID compliant	Billing system compliant with German calibration law	No
Load management available	Yes	Load management type	DI, Modbus TCP
Communication integrated	Yes	Type of communication	Modbus TCP

Housing

Operating altitude	≤ 2000 m	Design Cover exchangeable	Yes
Housing main material	Polycarbonate glass fiber reinforced	Colour	black

System requirements

Connection system	Type 2 socket outlet	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

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Technical data

Approvals and norms

Approvals	IEC 61851-1, IEC 61851-21-1, IEC 61851-21-2, IEC 62196-1, IEC 62196-2
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Connection data (input)

Mains frequency	50 Hz	Type of connection	PUSH IN
Wire size ,max.	6 mm ²	With circuit breaker	No

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
	Number of phases input	3
	Input voltage type	AC
	Input voltage	400 V
	Input current, max.	32 A
	Charging power, max	22 kW

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		

Approvals

Approvals



Downloads

Engineering Data	STEP Wallbox BUSINESS Socket
Tender specification	Ausschreibungstext
User Documentation	Sicherheitshinweise Montageanleitung Bedienungsanleitung Bedienungsanleitung Vernetzung
Catalogues	Catalogues in PDF-format