

CH-W-B-A7.4/22-PPNM**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, Attached 5m charging cable type 2, NFC, RFID, MID-conform meter, Modbus TCP
Order No.	2744070000
Type	CH-W-B-A7.4/22-PPNM
GTIN (EAN)	4050118895711
Qty.	1 pc(s).

Creation date April 21, 2021 3:31:05 PM CEST

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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
Net weight	8,930 g	Width	360 mm
Width (inches)	14.173 inch		

Temperatures

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

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-conform meter	Billing options in compliance 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	Attached 5m charging cable type 2	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

Approvals and norms

Approvals	IEC 61851-1, IEC 61851-21-1, IEC 61851-21-2, IEC 62196-1, EN 50620
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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	3
	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
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

Downloads

User Documentation	Sicherheitshinweise Bedienungsanleitung Vernetzung
Brochure/Catalogue	Catalogues in PDF-format