

Technical sheet · EV charger

Book 1, chapter 7.22: chargers installed or replaced from 1 November 2022 and their dedicated circuits. The characteristics of the charger come from its data sheet, to be attached to the dossier.

Characteristic	Value	RGIE
EV charger		
Manufacturer and model	Wallbox Pulsar Plus 11 kW, tethered Type 2 (PLP1-x-2-3-9)	
Serial number	PLP1-0123456	
Datasheet	https://support.wallbox.com/wp-content/uploads/ht_kb/2025/06/Wallbox_Datasheet_PulsarPlus_Tethered_EN_b.pdf	7.22.4.1
Power	11.04 kW · three-phase · 15.9 A	
Connection points	1 · Attached cable	7.22.3
Installation date	05/10/2026	7.22.1
Permanently connected	Yes	7.22.3
In the open air	No	7.22.5.1
IP rating	IP54	7.22.5.1
Protected against the external influences of the location	Yes	7.22.5.1
Protection against collisions	Yes	7.22.5.1
Connection point near the space	Yes	7.22.5.3
Outside BE3 locations	Yes	7.22.5.5
Built-in 30 mA RCD	No	7.22.4.1 b
Built-in DC fault detection (6 mA)	Yes	7.22.4.1 b
Built-in overcurrent protection	No	7.22.4.2
Dedicated circuit	Circuit A · Main board	7.22.3
Overcurrent protection	Circuit breaker C20 4P (A)	7.22.4.2
RCD	25 A 4P 30 mA type A, for this circuit alone	7.22.4.1 b
Cable	XVB 5G2.5 · In the wall	
Feeding back into the installation	No	7.22.5.4

INSTALLER	INSPECTION	CLIENT	SITE	
ElectroSmart — ESCS BV VAT No.: BE0692.916.332 Date:	Organisation Name Date	Name Street Town The Example family Rue de l'Exemple 12 1300 Wavre	Name Street Town The Example family Rue de l'Exemple 12 1300 Wavre	Voltage EAN Revision Sheet 3N400 V 541448820000000000 0 1
Signature	Signature	Signature	Signature	

Technical sheet · EV charger (continued)

Characteristic	Value	RGIE
EV charger		
Load management	No	
Network		
Network	3N400 V · TT	
Service connection (A)	—	
Earth resistance	—	4.2.3.2

Checks			
Check	Result	Details	RGIE
EV charger · position	To fix	Place the device on the layout plan of an existing floor.	3.1.2.3 a
Concealed wiring without conduit	To check	Concealed cables without stated conduit (A): embedded without conduit in room walls, horizontal or vertical routes only, horizontal between 25 and 35 cm from the floor or ceiling (or above the underside of the window lintels, at least 25 cm below the ceiling), vertical as close as possible to a corner or between 10 and 20 cm from door frames, otherwise vertically in line with a visible device, under at least 0.4 cm of plaster; in concrete or cement, under at least 3 cm.	5.2.9.10
A · board	Verified	The circuit must refer to an existing board.	Model consistency
A · protection	Verified	A protection of the same board must be defined.	Model consistency
A · wiring	Verified	Wiring XVB, 5 × 2.5 mm², installed “In the wall”.	3.1.2.2 a
A · devices	Verified	The circuit must not refer to a missing device.	Model consistency
EV charger · assignment	Verified	Device assigned to a circuit.	3.1.2.2 a
RCD · hierarchy	Verified	Check the parent protections and that there is no loop.	Model consistency
A · hierarchy	Verified	Check the parent protections and that there is no loop.	Model consistency
· maximum current	Verified	Current limited to 20 A by the sum of the downstream ratings: it does not exceed its rated current of 25 A.	4.4.1.1
A · cross-section and protection	Verified	2.5 mm² protected by a 20 A circuit breaker (at most 20 A).	4.4.1.4, table 4.11

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Technical sheet · EV charger (continued)

Check	Result	Details	RGIE
A · DC fault current	Verified	The charger detects DC fault currents and then switches off: the type A RCD in the board is suitable (attach the charger's data sheet).	7.22.4.1 b
EV charger · charger installation	Verified	Permanent connection, protection against the external influences of the location and against collisions, connection point and location compliant according to the answers of the page.	7.22.3; 7.22.5.1; 7.22.5.3; 7.22.5.4; 7.22.5.5

“Not specified”: to be completed in the studio or checked on site. This dossier is not an inspection report of the installation.

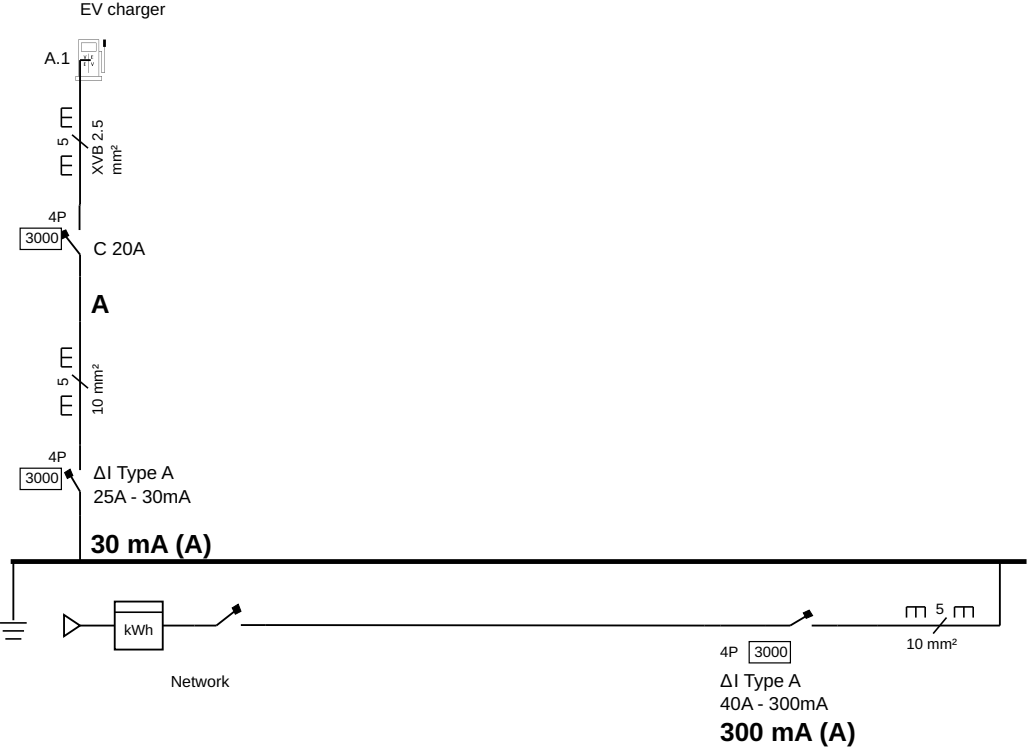
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Layout plan · Ground floor

1 m = 17.2 mm on this sheet · print at 100%

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Main board



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Circuit list · Main board

Circuit	Description
A	EV charger

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Legend of the symbols used



EV charger

Electrical symbols used in this dossier.

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