

Data sheet EpSpot Wall box ES101

Wall box ES101 with Type 2 outlet can leverage the EpSpot RTTS service in full. The electrical cabling also serves as means of connecting the unit to a local Internet connection. ES101 can coexist in electricity networks also serving ordinary outlets if co-installed with debit modules from the DM series, allowing for unmatched flexibility and cost savings by adapting the service to limitations in supplying infrastructure. ES101 automatically releases the cars charging cable upon power failure. EpSpot wall box ES101 can be installed on outdoor or indoor walls or similar.

Two variants

ES101 is fitted with Debit module EM2100 allowing for single phase charging up to 32A or with debit module EM4100 allowing for 3 phase charging up to 32A. Possibility to swap debit module allowing capacity upgrade or downgrade later if required.

Extra DIN spaces.

ES101 offers 10st DIN spaces, which gives 4 to 6 extra DIN spaces that can be equipped at installation depending on debit module. Optionally ES101 can be pre-fitted type B RCB.

Plug & Play.

Wall box ES101 fitted with EpSpot debit modules connects automatically with Ethernet over Powerline bridge connected to an ordinary router or switch. In addition to 128 AES encryption over the electrical cabling, 256 bit HTTPS is used, without any need for fixed IPs, firewall configurations etc.



Electrical properties

Voltage	240 VAC
Frequency	50 Hz
Ennergy self consumption	typicallly 2W, momentary 6W
Max current	32 A
Active Energy measure error	0,5%
Connections EM2100 option	L + N + E
Conections EM4100 option	3P + N + E
Outlet	Type 2
Connectivty stanard	IEEE 1901 EN 50561-1: 2013/AC1:2015)

Physical properties

Measures (WxHxD)	215x350x120 mm
Impact resistance	IK08
IP class	IP54
Glow wire resistance	GW 650 C
Operation temperature	-25 to +40
Colour	Grey
Fitting	Wall
EV standard	IEC 61851-1
Marking	CE