,

Code:

Description

COFRET boxes are designed to offer electrical protection in compliance with the **ITC-BT-52** standard for infrastructures designed to charge electric vehicles. The devices have a Type A RCCB for direct or indirect exposure protection, and a C-curve circuit breaker to protect the recharging units in the event of overloads or short-circuits. If the installation does not have overvoltage protection, a model is available that includes both permanent and transient surge protection.

Application

The **COFRET** box is absolutely essential when installing any single-phase electric vehicle charging point.

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Code:

Specifications

AC power supply

Frequency	50 ... 60 Hz.
Nominal voltage	400V ~ +/-5%

Mechanical characteristics

Size (mm) width x height x depth	270 x 250 x 160 (mm)
Weight (kg)	2,5

Environmental characteristics

Protection class	IP 65|IK 08
Relative humidity (without condensation)	5 ... 95 %
Installation, location, position.	Indoor
Storage temperature	- 40 ... +65 °C
Working temperature	- 5 ... +40 °C

Standards

Electrical safety, Maximum height (m)	2000
Electrical safety, Contamination level/class	2

COFRET
Protection box for charging points

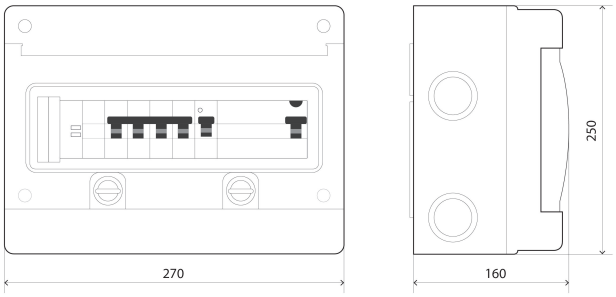
CODE	TYPE	Earth leakage protection	Circuit breaker protection	Surge Protection (SPD)	Módules	Poles	Energy meter	Surge Protection (SPD+POP)
2 poles								
V41232.	COFRET-VE6-2P-20AS	Type A	20 A	Yes	6	2	-	
V4123Q.	COFRET-VE8-2P-20AS 6DC	Type A + 6 mADC	20 A	Yes	8	2	-	
V41261.	COFRET-VE6-2P-40A	Type A	40 A	No	6	2	-	
V41262.	COFRET-VE6-2P-40AS	Type A	40 A	Yes	6	2	-	
V41266.	COFRET-VE8-2P-40AS-MID	Type A	40 A	Yes	8	2	MID	
2 poles - Meter reconnection scheme 2								
V4126X.	COFRET-VE8-2P-40AS REC	Type A	40 A		8	2	-	Yes
4 poles								
V41461.	COFRET-VE12-4P-40A	Type A	40 A	No	12	4	-	
V41462.	COFRET-VE12-4P-40AS	Type A	40 A	Yes	12	4	-	

Electrical protections in accordance with ITC-BT-52 standard, Circuit breaker protection with C curve, 30 mA differential protection, Key closure, Polycarbonate and polystyrene enclosure - IP 65 - IK08.

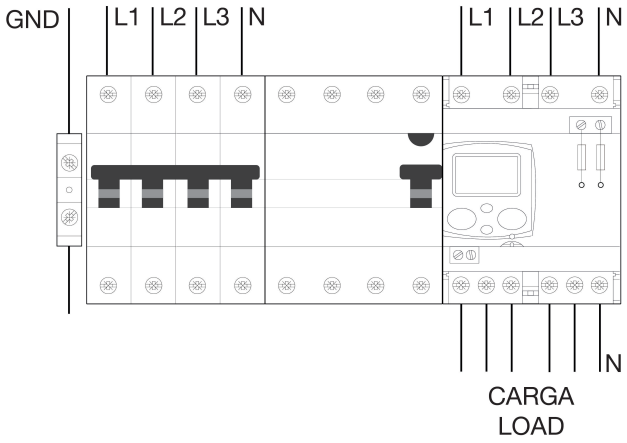


Code:

Dimensions



Connections



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