



COFRET-VE12-4P-40AS 6DC

COFRET-VE12-4P-40AS 6DC, Protection box

Code: V4146Q. (CONSULTAR DISPONIBILIDAD)

- > Módulos: 12
- > Poles: 4
- > Surge Protection (SPD): Yes
- > System: Three-phase
- > In (A): 40
- > Key: 1
- > Earth leakage protection: Type A + 6 mADC
- > Circuit breaker protection: 40 A

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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Protection box for single-phase charging points

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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
Standards	UNE-EN IEC 61439-1, UNE-EN 50550, UNE-EN 61643-11

Differential protection

Sensitivity (IΔn), A	30 mA ~ + 6mA dc
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Thermal-magnetic protection

Trip curve, Type	Curva C
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Protection

Safety relay type (class)	Class A
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COFRET

Protection box for charging points

CODE	TYPE	Earth leakage protection	Circuit breaker protection	Surge Protection (SPD)	Módulos	Poles	Energy meter	Surge Protection (SPD+POP)
2 poles								
V41231.	COFRET-VE6-2P-20A	Type A	20 A	No	6	2	-	
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	-	



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CODE	TYPE	Earth leakage protection	Circuit breaker protection	Surge Protection (SPD)	Módulos	Poles	Energy meter	Surge Protection (SPD+POP)
V41261.	COFRET-VE6-2P-40A	Type A	40 A	No	6	2	-	
V41262.	COFRET-VE6-2P-40AS	Type A	40 A	Yes	6	2	-	
2 poles - Meter reconnection scheme 2								
V4126X.	COFRET-VE8-2P-40AS REC	Type A	40 A		8	2	-	Yes
2 poles								
V41266.	COFRET-VE8-2P-40AS-MID	Type A	40 A	Yes	8	2	MID	
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	-	



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Dimensions



Connections

