

Calibration kit TM ECC CCS2 . Extension kit for calibrating the power line signal strength of an EVSE according to DIN SPEC 70121 / ISO15118 or design guidelines for CCS charging stations Suitable for 6FE1242-6TM20-0BB1 SIMATIC ET 200SP TM ECC PL ST

General information	
Product type designation	Calibration kit TM ECC CCS2
Product description	Expansion kit for adjusting the powerline signal strength of an EVSE in accordance with DIN SPEC 70121/ISO 15118 or design guidelines for CCS charging stations
Installation type/mounting	
Mounting type	standard rail
Supply voltage	
Type of supply voltage	DC
Rated value (DC)	24 V; Optional: external infeed
permissible range, lower limit (DC)	19.2 V
permissible range, upper limit (DC)	28.8 V
Reverse polarity protection	Yes
Load voltage L+	
<ul style="list-style-type: none"> Short-circuit protection 	Yes
<ul style="list-style-type: none"> Reverse polarity protection 	Yes
Input current	
Current consumption, max.	0.5 A
Interfaces	
Number of other interfaces	2; 1x CCS (Combined Charging System) acc. to IEC 62196 1x power supply DC adapter (5.50 mm x 2.10 mm x 9.5 mm) 24 V
Protocols	
Vehicle communication according to IEC 61851	Yes; Mode 4
EMC	
Electrostatic discharge acc. to IEC 61000-4-2	4 kV contact discharge / 8 kV air discharge
Field-related interference acc. to IEC 61000-4-3	10 V/m (80 ... 1 000 MHz), 3 V/m (1.4 ... 2.0 GHz), 1 V/m (2.0 ... 2.7 GHz)
Degree and class of protection	
IP degree of protection	IP30
Standards, approvals, certificates	
Certificate of suitability	CE
Ambient conditions	
Ambient temperature during operation	
<ul style="list-style-type: none"> min. 	0 °C
<ul style="list-style-type: none"> max. 	40 °C
Ambient temperature during storage/transportation	
<ul style="list-style-type: none"> Storage, min. 	-30 °C
<ul style="list-style-type: none"> Storage, max. 	85 °C
Altitude during operation relating to sea level	
<ul style="list-style-type: none"> Installation altitude above sea level, max. 	2 000 m
<ul style="list-style-type: none"> Ambient air temperature-barometric pressure-altitude 	Up to max. 2 000 m
Relative humidity	
<ul style="list-style-type: none"> Operation, min. 	5 %
<ul style="list-style-type: none"> Operation, max. 	95 %
Mechanics/material	
Material of housing	Plastic: polycarbonate, abbreviation: PC- GF 10 FR
Dimensions	
Width	250 mm
Height	122 mm

Depth	160 mm
Weights	
Weight, approx.	1.5 kg
Classifications	

	Version	Classification
eClass	14	27-14-47-03
eClass	12	27-14-47-03
eClass	9.1	27-14-47-03
eClass	9	27-14-47-03
ETIM	10	EC002889
ETIM	9	EC002889
ETIM	8	EC002889
ETIM	7	EC002889
IDEA	4	1554
UNSPSC	15	26-11-17-29

Approvals / Certificates
General Product Approval



last modified:

3/12/2024 