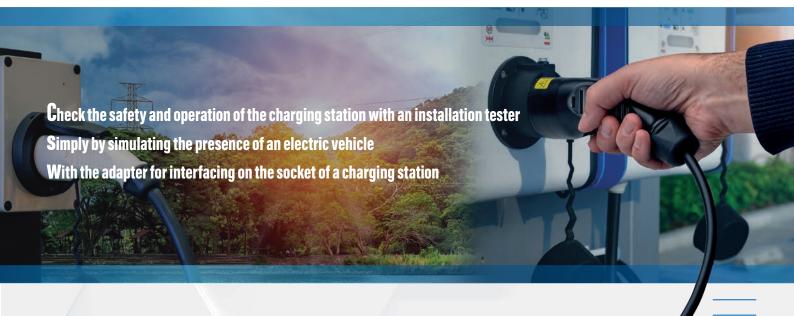


## CA 5551

## Test adapter for electric vehicle charging stations



## For your own and your vehicle's safety, check the charging station regularly according to the applicable standards:

- Test adapter for mode-3 AC vehicle charging stations equipped with a cable with a type-2 connector
- Simulation of vehicle status (Control Pilot signal)
- Switching between the different charging currents from 13 to 63 A (Proximity Pilot status)
- Connection to view the status of the signal (Control Pilot signal)
- PE pre-test to check that there is no hazardous voltage present in relation to the earth (PE)
- Presence of phases L1/L2/L3 indicated by 3 LEDs
- Adapter alone for verification of station operation
- Adapter with installation tester to check the electrical safety of the charging station







VEHICLE STATUS	DESCRIPTION	VOLTAGE OF THE CP ± TERMINAL
A	Electric vehicle not connected, charging station not supplying energy	+ /- 12 V 1 kHz
В	Electric vehicle connected, not ready to charge, charging station not supplying energy	+9 V/-12 V 1 kHz
C	Electric vehicle connected, ventilation not necessary, charging station ready to charge	+6 V/-12 V 1 kHz
D	Electric vehicle connected, ventilation necessary, charging station ready to charge	+3 V/-12 V 1 kHz

CA 6651 TEST ADAPTER FOR MODE-3 AC VEHICLE CHARGING STATIONS WITH TYPE-2 CONNECTOR				
PE PRE-TEST	Yes with touch electrode			
PP simulation	Open NC, 13A, 20A, 32A, 63A - selection via rotary switch			
CP status	A, B, C, D			
CP/PE error	3 buttons on side for error simulation; CP/PE or diode short-circuit and opening of PE			
Earth fault PE error	PP switch position NC			
Protection / Admissible overload	600 Vrms			
Outputs				
L1/L2/L3/N and PE measurement terminals	230 V single-phase and 400 V three-phase 50 Hz, 5 sockets with 4 mm diameter for connection of the installation tester, equipped with banana plugs			
SCHUKO-type mains socket (earth provided by the 2 studs on the inner edges)	Max 250 V, CAT II 300 V, admissible current 10 A (fuse)			
CP signal terminal	PWM +/-12V communication protocol			
Specifications				
Input voltage	230 V/400 V AC 50/60 Hz 10 A			
EVC-20 charging-station socket connector with protective cover	Charging mode 3 adapted to IEC 62196-2 type 2 socket or fixed cable with connector for type 2 vehicle, three-phase			
Power socket protection	Fuse T 10 A/250 V			
Compatibility with measuring instruments				

Compatibility with	ı measuring	instruments
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Loop earth measurement, 30 mA Type B RCD test ( from 6 mA), insulation testing at 500 V and CA 6117 continuity - test report

CA 6131/CA 6133 Earth loop measurement, 30mA RCD test, insulation test at 500V and continuity PWM waveform display between CP and PE - Measurement on 1 channel of the voltage HANDSCOPE levels and PWM duty cycle enabling determination of the charging current

GENERAL SPECIFICATIONS				
LEDs	X3 - blue			
Electric vehicle standards - Installation	IEC 61851-1 / IEC 60364-7-722			
Safety	EN 61010-1, pollution degree 2, CAT II 300V			
IP	IP 20 as per IEC 60529			
Connection socket	Type 2 32 A 3PH+N+PE type E2201 200/346 V			
Dimensions / weight	Casing dimensions 150x83x77 mm / Weight: 850 g			







CA 6651 ADP VE CABLE TYPE2.....

Delivered with type II cable in carrying bag with User's Manual in 5 languages





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