

# BENNING

## EV 3-3

Wall box tester and measuring adapter

**NEW!**



# Wall box tester and measuring adapter for EV charging stations of charging mode 3 with Type 2 connector

**Wall box tester and measuring adapter for simple troubleshooting or standard-compliant testing of single-phase and three-phase EV charging stations**

The BENNING EV 3-3 can be used alone for functional testing and troubleshooting of EV charging stations. Moreover, in combination with a suitable installation tester, it allows proving the effectiveness of protective measures in compliance with applicable standards.

- 4 mm jacks for easy connection to the installation tester
- voltage measurement and phase sequence test
- CP and PP signal analysis
- tripping of the residual current protection devices with time measurement
- CP and PE error simulation

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INFO



## BENNING EV 3-3

Wall box tester and measuring adapter

### Application:

The wall box tester and measuring adapter BENNING EV 3-3 enables quick and easy functional testing and troubleshooting of wall boxes. Used in combination with the BENNING IT 130, it also enables the safety and functional testing of charging stations for electric vehicles in compliance with IEC 60364-6 and EN 50110.

### Features:

- simulation of vehicle states A, B, C, D
- CP and PP signal analysis (vehicle status, signal voltage, frequency, duty cycle)
- PE test
- tripping of the 30 mA AC and the 6 mA DC residual current protection devices with time measurement
- phase sequence test
- voltage measurement
- simulation of errors "CP short" and "PE open"



Technical data	BENNING EV 3-3
<b>input voltage</b>	single-phase: up to 300 V three-phase: up to 510 V
<b>max. test current</b>	10 A
<b>protection class</b>	II (double insulation)
<b>contamination level</b>	2
<b>protection category</b>	IP 40
<b>overvoltage category</b>	CAT II 300 V to earth
<b>operating temperature</b>	0 ... 40 °C
<b>standard-compliant according to</b>	<ul style="list-style-type: none"> <li>• IEC/EN 61010-1</li> <li>• IEC/EN 61010-2-30</li> </ul>
<b>scope of delivery</b>	measuring adapter, stand-by case, operating manual
<b>item no.</b>	10239871

### Recommended Installation Tester:

#### BENNING IT 130

TRUE RMS installation tester for efficient troubleshooting and documentation of electrical systems and EV charging stations (wall boxes) of charging mode 3.

item no. 044103



Scope of delivery  
BENNING EV 3-3:



# BENNING

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