

## DATASHEET: EVSE Tester

### SCHRACK-INFO



Picture – EMTESTT2

More and more charging stations for electric cars are being installed throughout Europe. This test adapter has been developed in order to be able to test the mode 3 charging points (with Type2 connection) standardised in Europe. The EVSE Tester takes over the communication to the charging point and simulates an electric vehicle.

The tester can be connected to charging sockets as well as to charging plugs of the standard Type2 (according to EN 62196).

An installation tester or a multimeter can be connected via the 4 mm safety sockets. The built-in LEDs indicate whether and how many phases are carrying voltage. One of the three phases is connected to the built-in EU-socket. Those can be switched. This allows each phase to be tested and loaded individually. In addition, faults can be simulated.

Application example: Initial/commissioning inspection, periodic inspection of EVSE

### TECHNICAL DATA

Order number	EMTESTT2
Input voltage	1~; 230 V; 50 Hz 3~; 400 V; 50 Hz
Maximum current EU-socket	5 A
Voltage supply	Type2 socket
Rotary switch Control Pilot (CP-State) Simulation of the vehicle state	<ul style="list-style-type: none"> <li>A: not connected</li> <li>B: connected, no charging</li> <li>C: charging without ventilation</li> <li>D: charging with ventilation</li> </ul>
Rotary switch Proximity Pilot (PP-State) Simulation of the charging cable	<ul style="list-style-type: none"> <li>NC</li> <li>13 A</li> <li>20 A</li> <li>32 A</li> <li>63 A</li> </ul>
Rotary switch Phase	Switching between L1, L2 und L3 as supply for the EU-socket
Fault simulation buttons	<ul style="list-style-type: none"> <li>CP-State E</li> <li>PE fault (open)</li> </ul>
Interfaces	<ul style="list-style-type: none"> <li>4 mm safety sockets (L1, L2, L3, N, PE, CP)</li> <li>BNC socket for CP signal monitoring</li> </ul>
Indicators	LEDs for voltage indication von L1, L2 und L3
Temperature range	0 °C bis 40 °C
Protection class	IP40
Measurements	L275 x W120 x H60 mm
Weight	1 kg
Scope of delivery	EVSE Tester, manual, carry bag