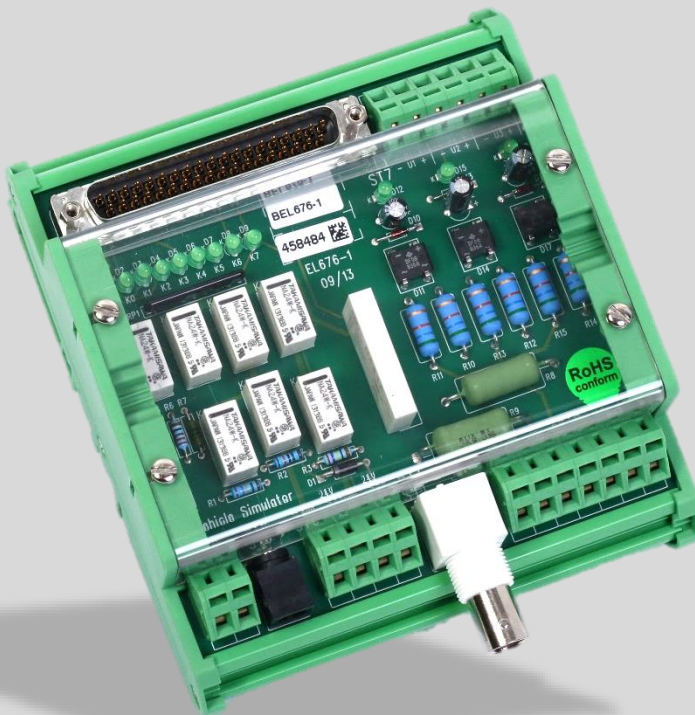


I/O Vehicle Simulator BZ189



E-vehicle simulator

The I/O Vehicle Simulator offers the possibility to make an end-of-line function test of e-mobility charging cables and charging stations without having an e-vehicle connected.

With the I/O Vehicle Simulator, a suitable adaptation and an adaptronic NT test system it is possible to simulate the charging procedure of an e-vehicle.

The I/O Vehicle Simulator is programmable via the function test editor of NT Control.

Function test for charging devices

The I/O Vehicle Simulator is suitable for the test of all common charging devices for e-vehicles like type 1, type 2, type GB etc. and offers in connection with an adaptronic test system the test of the following states or functions:

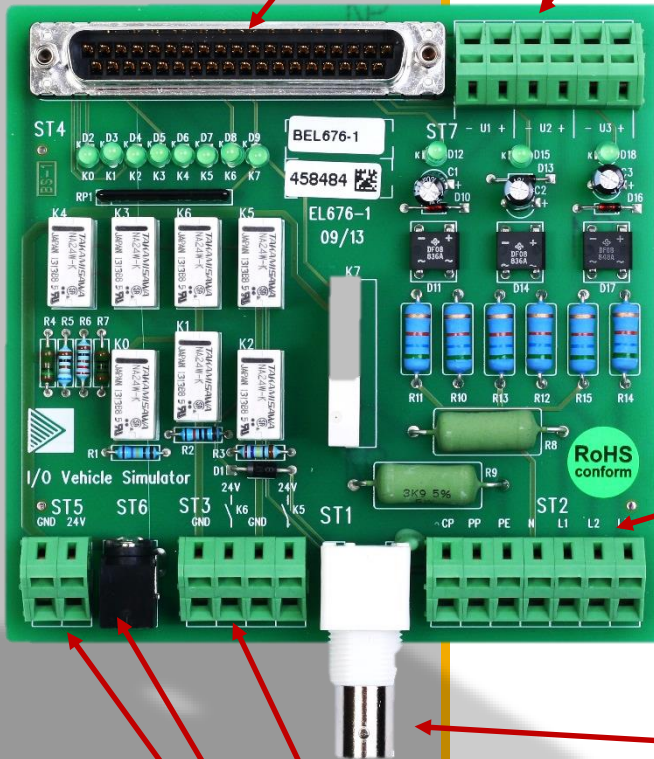
- ▶ Charging device ready / no vehicle connected to the charging device
- ▶ Charging device ready / vehicle connected to the charging device
- ▶ Simulation of different vehicle states for checking the charge condition display of the charging device
- ▶ Charging device FI circuit breaker function test

Features:

- ▶ Scoop-proof design
- ▶ Module for DIN-rail installation
- ▶ Tester connection via 37-way flat ribbon cable
- ▶ Connection of adaptation via spring-cage terminals
- ▶ Oscilloscope connector for signal evaluation

To I/O card of the tester (D-Sub, male, 37-way)

Additional separately available measuring outputs



Status display for I/O states and relays

Connector for charging connector adapter

BNC connector for an oscilloscope

Measurements of:

- ▶ amplitude
- ▶ frequency
- ▶ pulse width

Relay switch for triggering electric contactors

24 VDC power supply

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