

## CP SB1 Switch Box

### Accessory to CPC 100

#### Fully automated 3-phase transformer testing

Measurements of ratio, winding resistance and the tap changer became comfortable with the CP SB1. As an accessory to the CPC 100, testing of power transformers over all taps and phases is fully automated. Time-consuming rewiring in-between measurements can be avoided.

#### Benefits

- > Fast measuring as rewiring is not necessary
- > Increases safety by reducing the risk of accidents
- > Minimizes the likelihood of measurement errors – performs the ratio and winding resistance tests automatically

#### Features

- > Multiplexes the CPC 100 outputs to all phases of a power transformer and vice versa
- > Quickly discharges the transformer between measurements
- > Operates the tap changer, so measurements can be performed without the need for user interaction

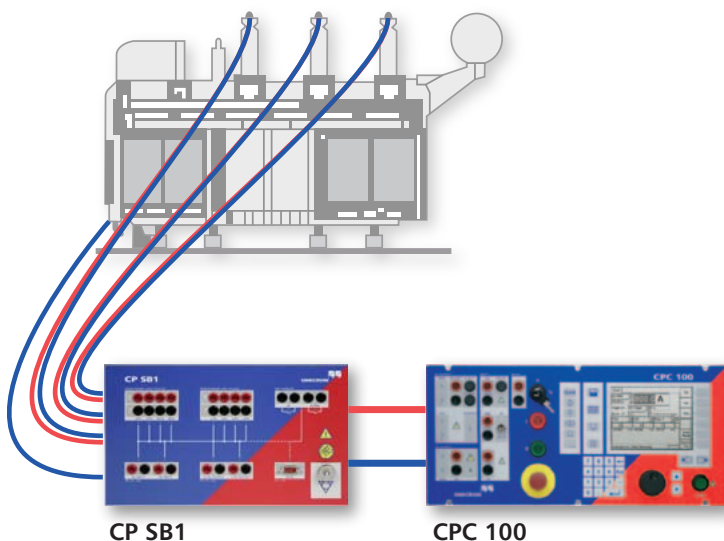


#### Technical data

<b>Max. Voltage</b>	300 V AC
<b>Max. Current</b>	6 A DC
<b>Measurement Options on Transformers</b>	Conversion ratio Winding resistance Tap changer operation
<b>Ambient Temperature</b>	-10 °C ... 55 °C / 15 °F ... 130 °F
<b>Weight</b>	3.5 kg / 7.7 lbs
<b>Dimensions (W x H x D)</b>	357 x 235 x 111 mm / 14.1 x 9.3 x 4.4 in
<b>Article Number</b>	VEHZ0692

#### Scope of delivery

- 1 x CP SB1 switch box
- 1 x RS232 cable
- 1 x Grounding cable (6 m / 19.7 ft, 6 mm<sup>2</sup>)
- 10 x Set of coaxial cables (15 m / 50 ft, 2.5 mm<sup>2</sup>) on cable drum
- 4 x 2 Kelvin clamps
- 1 x Transport case with wheels for CP SB1
- 12 x Flexible terminal adapters
- 1 x CPC Toolset DVD
- CP SB1 Reference Manual, connection cables, backpack for accessories



**OMICRON** is an international company serving the electrical power industry with innovative testing and diagnostic solutions. The application of OMICRON products allows users to assess the condition of the primary and secondary equipment on their systems with complete confidence. Services offered in the area of consulting, commissioning, testing, diagnosis and training make the product range complete.

Customers in more than 140 countries rely on the company's ability to supply leading edge technology of excellent quality. Service centers on all continents provide a broad base of knowledge and extraordinary customer support. All of this together with our strong network of sales partners is what has made our company a market leader in the electrical power industry.

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