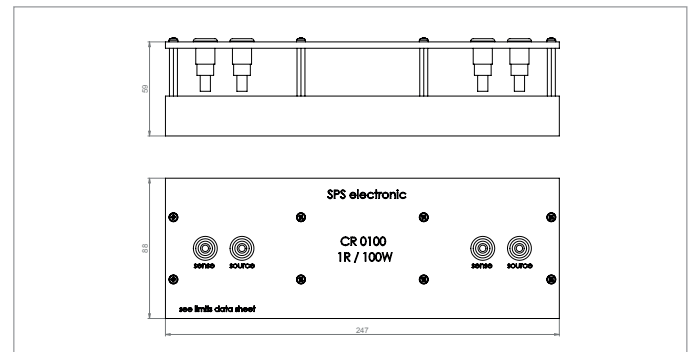
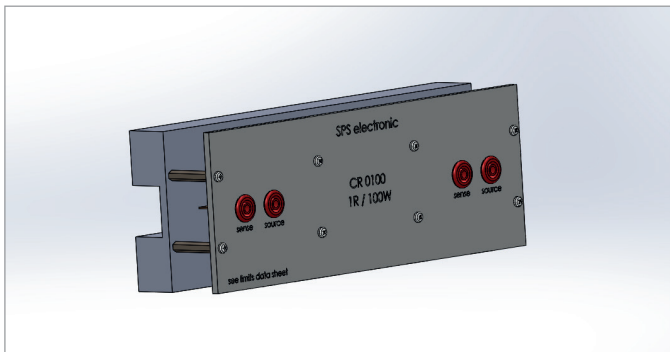


DATA SHEET

Accessories: Calibrators series CR



Calibrator CR 0100

<p>Description</p>	<p>In addition to the daily dummy tests the test device or the test system can be checked at regular intervals with calibration resistances. This is not a calibration of the test devices or the test systems, but an important part in a quality system. In contrast to the dummy test not only the function of the test technique is checked but the measuring system, too. The calibrators are supplied with a factory calibration or with a DAkkS document. For regular use the calibrators should be calibrated at least once a year. Only then it is ensured that the measured values of the test technique are retraceable.</p> <p>The calibrators contain resistances with high precision and high long-term and temperature stability. The resistances are adapted to the application. Thus high voltage resistant resistance decades are used for the high voltage test. The calibrators for the ground bond tests are designed in 4-wire-technique, so that contact resistances are compensated. For the heat dissipation the resistances are mounted in thermoconductive material. To avoid measurement errors only capacitance and low-inductance components/ resistances are used. The connections are made via 4 mm (0.16 in.) laboratory sockets and are adapted to the high voltages and currents through the installation in plastic housings.</p>
<p>CR 0100</p>	<ul style="list-style-type: none"> • Calibrator for 1 Ω • Power is 100 W • Connection via 4 mm (0.16 in.) laboratory sockets in 4-wire-technique • Dimensions (HxWxD): 88 x 247 x 59 mm (3.5 x 9.7 x 2.3 in.)

Versions

Data	Dimensions mm (in.)	Type
PE: 1R // 100 W	88 x 247 x 59 (3.5 x 9.7 x 2.3)	CR 0100
PE: 100 mR / 200 mR / 300 mR // 300 W	88 x 247 x 106 (3.5 x 9.7 x 4.2)	CR 0101
CT: 3 mA / 200 mA / 450 mA // 22 V DC	80 x 160 x 55 (3.1 x 6.3 x 2.2)	CR 0200
HV: 25 kR / 50 kR / 220 kR / 440 kR // 200 W	88 x 247 x 55 (3.5 x 9.7 x 2.2)	CR 0300
HV: 1 mA / 2 mA // 1,500 V DC	80 x 160 x 55 (3.1 x 6.3 x 2.2)	CR 0301
HV: 1 mA / 2 mA // 1,875 V DC	80 x 160 x 55 (3.1 x 6.3 x 2.2)	CR 0302
IS: 1M / 1,1 M / 2 M / 3 M / 10 M / 20 M / 30 M // $U \leq 500$ V DC	80 x 200 x 55 (3.1 x 7.9 x 2.2)	CR 0400
IS: 0,5 M / 5 M / 50 M / 500 M / 1 G // $U \leq 3,000$ V DC	80 x 200 x 55 (3.1 x 7.9 x 2.2)	CR 0401
IS: 0,5 M / 1 M / 5 M / 10 M / 50 M / 100 M / 250 M / 500 M / 1 G // $U \leq 6,000$ V DC	120 x 200 x 70 (4.7 x 7.9 x 2.8)	CR 0402