

CP CB2 - Current Booster

Accessory to CPC 100

Tests applications up to 2000 A

The output current of the CPC 100 gets increased to up to 2000 A. The CP CB2 can be connected with the short high current cable set close to the busbar and with the long connection cable to the CPC 100.



Current Outputs

		1000 A AC ³	2000 A AC ⁴
Amplitude		0 ... 500 A	0 ... 2000 A
t_{max}¹		30 min	25 s
V_{max}²		5.00 V	2.45 V
P_{max}²		2500 VA	4900 VA
f		15 - 400 Hz	15 - 400 Hz
Typical Accuracy²			
		1000 A AC	2000 A AC
Amplitude	Reading	0.13 %	0.13 %
	Full Scale	0.13 %	0.13 %
Phase	Full Scale	0.25 °	0.25 °
Guaranteed Accuracy²			
		1000 A AC	2000 A AC
Amplitude	Reading	0.25 %	0.25 %
	Full Scale	0.25 %	0.25 %
Phase	Full Scale	0.50 °	0.50 °

Technical Data

Output Current up to 2000 A

Dimension 186 x 166 x 220 mm
7.3 x 6.5 x 8.7 in

Weight 16.0 kg / 35.3 lbs

Order Number VEHZ 0630

Scope of Delivery CP CB2 Current Booster
+ Grounding cable
+ Transport case
+ High current cable set (Order number: VEHK 0610)

- 4 x 95 mm² with plugs and clamps, 1.5 m / 5 ft
- 1 x 95 mm² to serialize outputs, 0.6 m / 2 ft

+ Connection cable to CPC 100 (Order number: VEHK 0611)

- 3 x 2.5 mm², 20 m / 66 ft



1 With mains voltage 230 V at 23 °C ± 5 °C (73 F ± 10 F) ambient temperature.
2 Signals below 50 Hz or above 60 Hz with reduced values possible.
3 Outputs in series.
4 Outputs in parallel.

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

Customers in more than 130 countries rely on the company's ability to supply leading edge technology of excellent quality. Broad application knowledge and extraordinary customer support provided by offices in North America, Europe, South and East Asia, and the Middle East, together with a worldwide network of distributors and representatives, make the company a market leader in its sector.

Americas

OMICRON electronics Corp. USA
12 Greenway Plaza, Suite 1510
Houston, TX 77046, USA
Phone: +1 713 830-4660
+1 800-OMICRON
Fax: +1 713 830-4661
info@omicronusa.com

Asia-Pacific

OMICRON electronics Asia Limited
Suite 2006, 20/F, Tower 2
The Gateway, Harbour City
Kowloon, Hong Kong S.A.R.
Phone: +852 2634 0377
Fax: +852 2634 0390
info@asia.omicron.at

Europe, Middle East, Africa

OMICRON electronics GmbH
Oberes Ried 1
6833 Klaus, Austria
Phone: +43 5523 507-0
Fax: +43 5523 507-999
info@omicron.at