

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 that works passionately on ideas for making electric power systems safe and reliable. Our pioneering solutions are designed to meet our industry's current and future challenges. We always go the extra mile to empower our customers: we react to their needs, provide extraordinary local support, and share our expertise.

Within the OMICRON group, we research and develop innovative technologies for all fields in electric power systems. When it comes to electrical testing for medium- and high-voltage equipment, protection testing, digital substation testing solutions, and cybersecurity solutions, customers all over the world trust in the accuracy, speed, and quality of our user-friendly solutions.

Founded in 1984, OMICRON draws on their decades of profound expertise in the field of electric power engineering. A dedicated team of more than 900 employees provides solutions with 24/7 support at 25 locations worldwide and serves customers in more than 160 countries.

For more information, additional literature, and detailed contact information of our worldwide offices please visit our website.

