



## CPRG-500

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CPRG-500, Clamp

Code: M810B3.

- > Nr Sensors: 1
- > Useful diam.(mm): 52
- > Measurement Range (A): 1 ... 500 A
- > I min.(A): 1

### Description

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**CIRCUTOR** offers a wide range of current sensors for its portable power analyzers. The products included in this range can be used to measure current levels from a few mA to up to several thousand amperes. In addition, the models are available in flexible and rigid format, offering the best solution for each installation.

### Application

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Measurement of energy values via portable power analyzers.



## CPRG-500

Current sensors for portable power analyzers

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### Specifications

#### Mechanical characteristics

|                                  |                     |
|----------------------------------|---------------------|
| Size (mm) width x height x depth | 45 x 216 x 111 (mm) |
| Weight (kg)                      | 0,7                 |

#### Specific technical characteristics of current sensors

|                     |                       |
|---------------------|-----------------------|
| Measurement range   | 1...500 Ac.a.         |
| Dielectric rigidity | 5200 V, 50 Hz, 1 min. |
| Output voltage      | 2 Vc.a.               |

#### Current measurement circuit

|                   |   |
|-------------------|---|
| Nominal frequency | 48...65 Hz  |
| Tolerance         | 1...5A (3%) Fase: NC / 5...50A (0,7%) Fase: NC / 50...500A (0,7%) Fase: 1 ° |

#### CPG Clamps

| CODE    | TYPE         | Measurement Range (A)       | I min.(A) | Useful diam.(mm) | Flat strip(mm)           |
|---------|--------------|-----------------------------|-----------|------------------|--------------------------|
| M810B1. | CPG-5        | 0,05 ... 5 A                | 0.05      | 20               | 20 x 5                   |
| M810B2. | CPG-100      | 1 ... 100 A                 | 1         | 20               | 20 x 5                   |
| M810B3. | CPRG-500     | 1 ... 500 A                 | 1         | 52               | 1 - 50 x 5  4 - 30 x 5   |
| M810B4. | CPRG-1000    | 1 ... 1000 A                | 1         | 52               | 1 - 50 x 5  4 - 30 x 5   |
| M810B5. | CPG-2000/200 | 1 ... 200 A / 10 ... 2000 A | 1   10    | 64               | 5 - 125 x 5  3 -100 x 10 |
| M810BD. | CFG-5        | 0,01 ... 5 A                | 0.01      | 52               | 1 - 50 x 5  4 - 30 x 5   |
| M810BE. | CFG-10       | 0,005 ... 10 A              | 0.05      | 100              | 5 - 80 x 5  3 -80 x 10   |



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### Dimensions

