



BC48 250V

BC48 250V, Voltmeter

Code: M1171B.

- > Scale: 90°, P1
- > Accuracy: 1,5
- > Measurement Range (V): 250
- > Device: BC48
- > Modules: 48x48

Description

- No need for auxiliary power supply, only the CEC 96 type
- DIN boxes with dimensions: 48, 72, 96 and 144
- Precision class 1.5
- Measurement in DC 25 uA ... 60 A, or ... 60 mV
- Exchangeable scales for BC48, BC72, BC96, BM 45
- The alarm system can be fully configured for CBC 96

Application

In direct current applications, to control the state of the current quickly and visually.



BC48 250V

Moving coil voltmeters

Code: M1171B.

Specifications

Mechanical characteristics

| | |
|----------------------------------|---------------------|
| Size (mm) width x height x depth | 48 x 48 x 66.2 (mm) |
| Weight (kg) | 0,05 |

Environmental characteristics

| | |
|---------------------|---|
| Protection class | Panel: IP 52 (Front), IP 00 (Terminals) |
| Storage temperature | -25...+40 °C |
| Working temperature | +10 ... +30 °C |

Standards

| | |
|---------------------------------------|--|
| Certifications | CE, UL |
| Electrical safety, Maximum height (m) | 2000 |
| Standards | BS 89, UNE-EN 60051, IEC 144, UL94, DIN 43780, IEC 51, UNE 21318 |

Voltage measurement circuit

| | |
|---------------------------------------|-------------------------|
| Consumption | 1000 Ω/V |
| Sampling frequency | 20 ... 100 Hz |
| Maximum permanent measurement voltage | 1,2 Vn / 2 Vn during 5s |

Electrical characteristics

| | |
|-----------------------------|--|
| Insulation voltage, circuit | 2 kV a 50Hz < 1 min entre mecanismo y caja |
|-----------------------------|--|

Measurement accuracy

| | |
|----------|----------|
| Accuracy | 1,5 % FE |
|----------|----------|

BC-V

DC measuring voltmeters

| CODE | TYPE | Scale | Accuracy | Modules | Device |
|---------|-----------|----------|----------|---------|--------|
| M11711. | BC48 1V | 90° , P1 | 1,5 | 48x48 | BC48 |
| M11714. | BC48 15V | 90° , P1 | 1,5 | 48x48 | BC48 |
| M11716. | BC48 30V | 90° , P1 | 1,5 | 48x48 | BC48 |
| M11718. | BC48 60V | 90° , P1 | 1,5 | 48x48 | BC48 |
| M11719. | BC48 100V | 90° , P1 | 1,5 | 48x48 | BC48 |
| M1171A. | BC48 150V | 90° , P1 | 1,5 | 48x48 | BC48 |
| M1171B. | BC48 250V | 90° , P1 | 1,5 | 48x48 | BC48 |
| M1171D. | BC48 400V | 90° , P1 | 1,5 | 48x48 | BC48 |
| M1171E. | BC48 500V | 90° , P1 | 1,5 | 48x48 | BC48 |



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| CODE | TYPE | Scale | Accuracy | Modules | Device |
|---------|------------|----------|----------|---------|--------|
| M1171F. | BC48 600V | 90° , P1 | 1,5 | 48x48 | BC48 |
| M11721. | BC72 1V | 90° , P1 | 1,5 | 72x72 | BC72 |
| M11724. | BC72 15V | 90° , P1 | 1,5 | 72x72 | BC72 |
| M11726. | BC72 30V | 90° , P1 | 1,5 | 72x72 | BC72 |
| M11728. | BC72 60V | 90° , P1 | 1,5 | 72x72 | BC72 |
| M11729. | BC72 100V | 90° , P1 | 1,5 | 72x72 | BC72 |
| M1172A. | BC72 150V | 90° , P1 | 1,5 | 72x72 | BC72 |
| M1172B. | BC72 250V | 90° , P1 | 1,5 | 72x72 | BC72 |
| M1172D. | BC72 400V | 90° , P1 | 1,5 | 72x72 | BC72 |
| M1172E. | BC72 500V | 90° , P1 | 1,5 | 72x72 | BC72 |
| M1172F. | BC72 600V | 90° , P1 | 1,5 | 72x72 | BC72 |
| M11731. | BC96 1V | 90° , P1 | 1,5 | 96x96 | BC96 |
| M11734. | BC96 15V | 90° , P1 | 1,5 | 96x96 | BC96 |
| M11736. | BC96 30V | 90° , P1 | 1,5 | 96x96 | BC96 |
| M11738. | BC96 60V | 90° , P1 | 1,5 | 96x96 | BC96 |
| M11739. | BC96 100V | 90° , P1 | 1,5 | 96x96 | BC96 |
| M1173A. | BC96 150V | 90° , P1 | 1,5 | 96x96 | BC96 |
| M1173B. | BC96 250V | 90° , P1 | 1,5 | 96x96 | BC96 |
| M1173D. | BC96 400V | 90° , P1 | 1,5 | 96x96 | BC96 |
| M1173E. | BC96 500V | 90° , P1 | 1,5 | 96x96 | BC96 |
| M1173F. | BC96 600V | 90° , P1 | 1,5 | 96x96 | BC96 |
| M11741. | BC144 1V | 90° , P1 | 1,5 | 144x144 | BC144 |
| M11744. | BC144 15V | 90° , P1 | 1,5 | 144x144 | BC144 |
| M11746. | BC144 30V | 90° , P1 | 1,5 | 144x144 | BC144 |
| M11748. | BC144 60V | 90° , P1 | 1,5 | 144x144 | BC144 |
| M11749. | BC144 100V | 90° , P1 | 1,5 | 144x144 | BC144 |
| M1174A. | BC144 150V | 90° , P1 | 1,5 | 144x144 | BC144 |
| M1174B. | BC144 250V | 90° , P1 | 1,5 | 144x144 | BC144 |
| M1174D. | BC144 400V | 90° , P1 | 1,5 | 144x144 | BC144 |
| M1174E. | BC144 500V | 90° , P1 | 1,5 | 144x144 | BC144 |
| M1174F. | BC144 600V | 90° , P1 | 1,5 | 144x144 | BC144 |



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Connections

