



BC48 5A

BC48 5A, Ammeter

Code: M11412.

- > Scale: 90°, P1
- > Accuracy: 1,5
- > Measurement Range (A): 5
- > 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
- 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 5A

Moving coil ammeters

Code: M11412.

Specifications

Mechanical characteristics

| | |
|----------------------------------|---------------------|
| Size (mm) width x height x depth | 48 x 48 x 66.2 (mm) |
| Fastening | Panel |
| Weight (kg) | 0,104 |

Environmental characteristics

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

Standards

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

Current measurement circuit

| | |
|--------------------|--|
| Consumption | 60 mV |
| Allowable overload | 1,2 In permanent / 5 In during 30s / 10 In during 5s / 40 In during 1s |

Electrical characteristics

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

Measurement accuracy

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

BC-A

Moving coil ammeters (dc)

| CODE | TYPE | Scale | Accuracy | Measurement Range (A) | Modules | Device |
|---------|---------------|----------|----------|-----------------------|---------|--------|
| M11412. | BC48 5A | 90° , P1 | 1,5 | 5 | 48x48 | BC48 |
| M11413. | BC48 10A | 90° , P1 | 1,5 | 10 | 48x48 | BC48 |
| M11416. | BC48 25A | 90° , P1 | 1,5 | 25 | 48x48 | BC48 |
| M11419. | BC48 50A | 90° , P1 | 1,5 | 50 | 48x48 | BC48 |
| M11410. | BC48 .../60mV | 90° , P1 | 1,5 | .../60mV | 48x48 | BC48 |
| M11422. | BC72 5A | 90° , P1 | 1,5 | 5 | 72x72 | BC72 |
| M11423. | BC72 10A | 90° , P1 | 1,5 | 10 | 72x72 | BC72 |
| M11426. | BC72 25A | 90° , P1 | 1,5 | 25 | 72x72 | BC72 |



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|---------|---------------|----------|----------|-----------------------|---------|--------|
| M11429. | BC72 50A | 90° , P1 | 1,5 | 50 | 72x72 | BC72 |
| M1142A. | BC72 60A | 90° , P1 | 1,5 | 60 | 72x72 | BC72 |
| M11420. | BC72 .../60mV | 90° , P1 | 1,5 | .../60mV | 72x72 | BC72 |
| M11432. | BC96 5A | 90° , P1 | 1,5 | 5 | 96x96 | BC96 |
| M11433. | BC96 10A | 90° , P1 | 1,5 | 10 | 96x96 | BC96 |
| M11436. | BC96 25A | 90° , P1 | 1,5 | 25 | 96x96 | BC96 |
| M11439. | BC96 50A | 90° , P1 | 1,5 | 50 | 96x96 | BC96 |
| M1143A. | BC96 60A | 90° , P1 | 1,5 | 60 | 96x96 | BC96 |
| M11430. | BC96 .../60mV | 90° , P1 | 1,5 | .../60mV | 96x96 | BC96 |

Exchangeable scales. External shunts, see section Measuring current transformers and shunts



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Connections

