



BC96 .../60mV

BC96 .../60mV, Ammeter

Code: M11430.

- > Scale: 90°, P1
- > Accuracy: 1,5
- > Measurement Range (A): .../60mV
- > Device: BC96
- > Modules: 96x96

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.



BC96 .../60mV

Moving coil ammeters

Code: M11430.

Specifications

Mechanical characteristics

| | |
|----------------------------------|---------------------|
| Size (mm) width x height x depth | 96 x 96 x 49.2 (mm) |
| Fastening | Panel |
| Weight (kg) | 0,2 |

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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| CODE | TYPE | Scale | Accuracy | Measurement Range (A) | Modules | Device |
|---------|----------------|---------|----------|-----------------------|---------|--------|
| 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 |
| M11442. | BC144 5A | 90°, P1 | 1,5 | 5 | 144x144 | BC144 |
| M11443. | BC144 10A | 90°, P1 | 1,5 | 10 | 144x144 | BC144 |
| M11446. | BC144 25A | 90°, P1 | 1,5 | 25 | 144x144 | BC144 |
| M11449. | BC144 50A | 90°, P1 | 1,5 | 50 | 144x144 | BC144 |
| M1144A. | BC144 60A | 90°, P1 | 1,5 | 60 | 144x144 | BC144 |
| M11440. | BC144 .../60mV | 90°, P1 | 1,5 | .../60mV | 144x144 | BC144 |

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



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Connections

