



## BC144 100V

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BC144 100V, Voltmeter

Code: M11749.

- > Scale: 90°, P1
- > Accuracy: 1,5
- > Measurement Range (V): 100
- > Device: BC144
- > Modules: 144x144

### Description

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- 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  $\mu$ A ... 60 A, or ... 60 mV
- Exchangeable scales for BC48, BC72, BC96, BM 45
- The alarm system can be fully configured for CBC 96

### Application

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



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Moving coil voltmeters

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### Specifications

#### Mechanical characteristics

Size (mm) width x height x depth	144 x 144 x 71.8 (mm)
Fastening	Panel
Weight (kg)	0,42

#### 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 $\Omega$ /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
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#### Measurement accuracy

Accuracy	1,5 % FE
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#### 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



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M1171E.	BC48 500V	90° , P1	1,5	48x48	BC48
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

