BC48 150V

BC48 150V, Voltmeter

Code: M1171A.

> Scale: 90° , P1
> Accuracy: 1,5
> Measurement Range (V): 150
> 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.

Creation date: 17/10/2026 - CIRCUTOR, SAU reserves the right to make technical changes or modify the content/images of this document without prior notice, in order to improve its reliability, functionality, design or for other reasons.
It accepts no liability for any errors, inaccuracies or possible lack of information in this document.

BC48 150V

Moving coil voltmeters

Code: M1171A.

Specifications

Mechanical characteristics

Size (mm) width x height x depth	48 x 48 x 66.2 (mm)
Fastening	Panel
Weight (kg)	0,075

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

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

Creation date: 17/10/2026 - CIRCUTOR, SAU reserves the right to make technical changes or modify the content/images of this document without prior notice, in order to improve its reliability, functionality, design or for other reasons.
It accepts no liability for any errors, inaccuracies or possible lack of information in this document.

BC48 150V

Moving coil voltmeters

Code: M1171A.

CODE	TYPE	Scale	Accuracy	Modules	Device
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
M11744.	BC144 15V	90° , P1	1,5	144x144	BC144

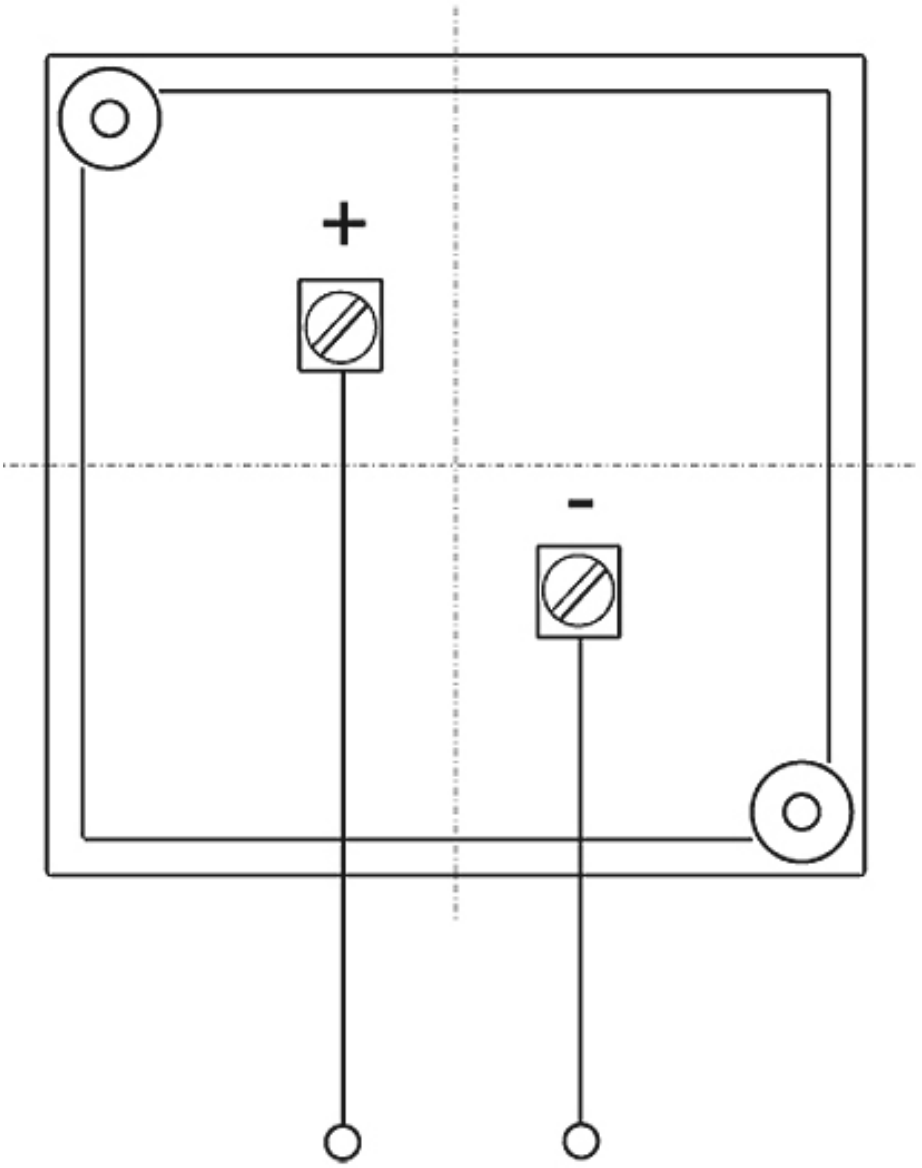
Creation date: 17/10/2026 - CIRCUTOR, SAU reserves the right to make technical changes or modify the content/images of this document without prior notice, in order to improve its reliability, functionality, design or for other reasons.
It accepts no liability for any errors, inaccuracies or possible lack of information in this document.

BC48 150V

Moving coil voltmeters

Code: M1171A.

Connections



Creation date: 17/10/2026 - CIRCUTOR, SAU reserves the right to make technical changes or modify the content/images of this document without prior notice, in order to improve its reliability, functionality, design or for other reasons.
It accepts no liability for any errors, inaccuracies or possible lack of information in this document.