

BM45 50A

BM45 50A, Ammeter

Code: M11459. **DESCATALOGADO**

> Scale: 90° , P1
> Accuracy: 1,5
> Measurement Range (A): 50
> Device: BM45

Description

- No need for auxiliary power supply
- Precision class 1.5
- Measurement in DC 25 uA ... 60 A, or ... 60 mV
- Exchangeable scales

Application

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



BM45 50A

Moving coil ammeters

Code: M11459.

Specifications

Mechanical characteristics

Size (mm) width x height x depth	85 x 52 x 65 (mm)
Fastening	DIN rail
Weight (kg)	0,11

Environmental characteristics

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

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

BMSC-A
Moving coil ammeters (dc)

CODE	TYPE	Scale	Accuracy	Measurement Range (A)	Device
M11452.	BM45 5A	90° , P1	1,5	5	BM45
M11462.	BMSC45 5A	90° , P1	1,5	5	BMSC45
M11453.	BM45 10A	90° , P1	1,5	10	BM45
M11463.	BMSC45 10A	90° , P1	1,5	10	BMSC45
M11456.	BM45 25A	90° , P1	1,5	25	BM45
M11466.	BMSC45 25A	90° , P1	1,5	25	BMSC45
M11459.	BM45 50A	90° , P1	1,5	50	BM45
M11469.	BMSC45 50A	90° , P1	1,5	50	BMSC45
M11450.	BM45 .../60mV	90° , P1	1,5	.../60mV	BM45



BM45 50A

Moving coil ammeters

Code: M11459.

CODE	TYPE	Scale	Accuracy	Measurement Range (A)	Device
M11460.	BMSC45 .../60mV	90° , P1	1,5	.../60mV	BMSC45

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

Creation date: 04/11/2026 - 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.



BM45 50A

Moving coil ammeters

Code: M11459.

Connections

