

EC48 500V

EC48 500V, Voltmeter

Code: M10418.

> Scale: 90°, P1
> Accuracy: 1,5
> Measurement Range (V): 500
> Modules: 48x48

Description

- No need for auxiliary power supply, only the CEC 96 type
- DIN boxes with dimensions: 48, 72, 96 and 144
- Measurement in true root mean square or V ... 600 V ac
- Exchangeable scales for EC48, EC72, EC96, EM 45
- The alarm system can be fully configured for CEC 96

&nb

Application

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



EC48 500V

Moving Iron Voltmeters

Code: M10418.

Specifications

Mechanical characteristics

Size (mm) width x height x depth	48 x 48 x 66.2 (mm)
Fastening	Panel
Weight (kg)	0,08

Environmental characteristics

Protection class	Panel: IP 52 (Front), IP 20 (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	1 ... 4 VA
Sampling frequency	20 ... 100 Hz
Maximum permanent measurement voltage	1,5 Vn permanent rated voltage / 2 Vn during 5s

Electrical characteristics

Insulation voltage, circuit	2 kV, 50 Hz, 1 min entre mecanismo y caja

Measurement accuracy

Accuracy	1,5 % FE

EC-V
Moving Iron Voltmeters (ac)

CODE	TYPE	Scale	Accuracy	Modules
M10415.	EC48 250V	90°, P1	1,5	48x48
M10416.	EC48 300V	90°, P1	1,5	48x48
M10417.	EC48 400V	90°, P1	1,5	48x48
M10418.	EC48 500V	90°, P1	1,5	48x48
M10419.	EC48 600V	90°, P1	1,5	48x48
M10410.	EC48 .../110V	90°, P1	1,5	48x48
M10425.	EC72 250V	90°, P1	1,5	72x72
M10426.	EC72 300V	90°, P1	1,5	72x72

Creation date: 22/11/2026 - 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.



EC48 500V

Moving Iron Voltmeters

Code: M10418.

CODE	TYPE	Scale	Accuracy	Modules
M10427.	EC72 400V	90°, P1	1,5	72x72
M10428.	EC72 500V	90°, P1	1,5	72x72
M10429.	EC72 600V	90°, P1	1,5	72x72
M10420.	EC72 .../110V	90°, P1	1,5	72x72
M10435.	EC96 250V	90°, P1	1,5	96x96
M10436.	EC96 300V	90°, P1	1,5	96x96
M10437.	EC96 400V	90°, P1	1,5	96x96
M10438.	EC96 500V	90°, P1	1,5	96x96
M10439.	EC96 600V	90°, P1	1,5	96x96
M10430.	EC96 .../110V	90°, P1	1,5	96x96

Exchangeable scales, Voltmeters 90°

Creation date: 22/11/2026 - 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.

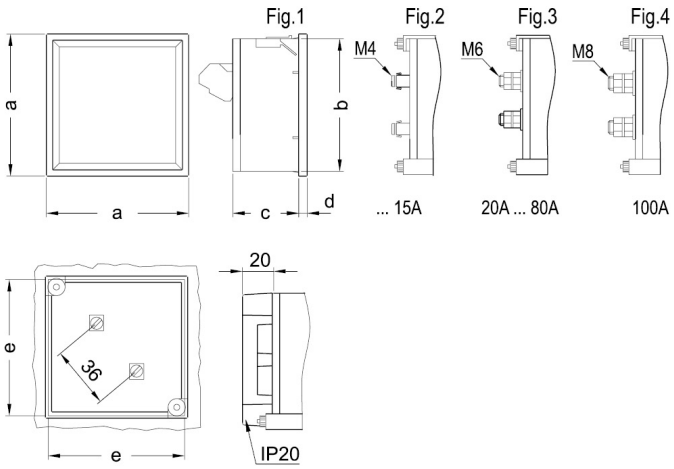


EC48 500V

Moving Iron Voltmeters

Code: M10418.

Dimensions



Type	Fig. EC	Fig. BC	a	b	c	d	e
48	1-3	1-3	48	44,7	61	5,2	45
72	1-3-4	2-3-4	72	67,2	43,5	5,7	68
96	1-3-4	2-3-4	96	91	43,5	5,7	92
144	2-3-4	2-3-4	144	137	64,5	7,3	138

Connections

