

EC48 20A

EC48 20A, Ammeter

Code: M10215.

> Scale: 90°, P2
> Accuracy: 1,5
> Measurement Range (A): 20
> 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 100 mA . 100 A
- Exchangeable scales for EC48, EC72, EC96, EM 45, EC 72 FA, EC 96 FA
- The alarm system can be fully configured for CEC 96

Application

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

Creation date: 02/11/2026 - 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 20A

Moving Iron Miliammeters and Ammeter

Code: M10215.

Specifications

Mechanical characteristics

Size (mm) width x height x depth	48 x 48 x 66.2 (mm)
Fastening	Panel
Weight (kg)	0,091

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	0,3 ... 1,5 VA
Sampling frequency	20...100 Hz
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, 50 HZ <1 min entre mecanismo y caja

Measurement accuracy

Accuracy	1,5 % FE

EC-A
Moving Iron Ammeter

CODE	TYPE	Scale	Accuracy	Measurement Range (A)	Modules
M10212.	EC48 5A	90°, P2	1,5	5	48x48
M10213.	EC48 10A	90°, P2	1,5	10	48x48
M10214.	EC48 15A	90°, P2	1,5	15	48x48
M10215.	EC48 20A	90°, P2	1,5	20	48x48
M10216.	EC48 25A	90°, P2	1,5	25	48x48
M10217.	EC48 30A	90°, P2	1,5	30	48x48
M10218.	EC48 40A	90°, P2	1,5	40	48x48

Creation date: 02/11/2026 - 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 20A

Moving Iron Miliammeters and Ammeter

Code: M10215.

CODE	TYPE	Scale	Accuracy	Measurement Range (A)	Modules
M10219.	EC48 50A	90°, P2	1,5	50	48x48
M1021A.	EC48 60A	90°, P2	1,5	60	48x48
M10210.	EC48 .../5A	90°, P2	1,5	.../5 A	48x48
M10222.	EC72 5A	90°, P2	1,5	5	72x72
M10223.	EC72 10A	90°, P2	1,5	10	72x72
M10224.	EC72 15A	90°, P2	1,5	15	72x72
M10225.	EC72 20A	90°, P2	1,5	20	72x72
M10226.	EC72 25A	90°, P2	1,5	25	72x72
M10227.	EC72 30A	90°, P2	1,5	30	72x72
M10228.	EC72 40A	90°, P2	1,5	40	72x72
M10229.	EC72 50A	90°, P2	1,5	50	72x72
M1022A.	EC72 60A	90°, P2	1,5	60	72x72
M1022B.	EC72 75A	90°, P2	1,5	75	72x72
M1022C.	EC72 100A	90°, P2	1,5	100	72x72
M10220.	EC72 .../5A	90°, P2	1,5	.../5 A	72x72
M10232.	EC96 5A	90°, P2	1,5	5	96x96
M10233.	EC96 10A	90°, P2	1,5	10	96x96
M10234.	EC96 15A	90°, P2	1,5	15	96x96
M10235.	EC96 20A	90°, P2	1,5	20	96x96
M10236.	EC96 25A	90°, P2	1,5	25	96x96
M10237.	EC96 30A	90°, P2	1,5	30	96x96
M10238.	EC96 40A	90°, P2	1,5	40	96x96
M10239.	EC96 50A	90°, P2	1,5	50	96x96
M1023A.	EC96 60A	90°, P2	1,5	60	96x96
M1023B.	EC96 75A	90°, P2	1,5	75	96x96
M1023C.	EC96 100A	90°, P2	1,5	100	96x96
M10230.	EC96 .../5A	90°, P2	1,5	.../5 A	96x96

Exchangeable scales. See next page

Creation date: 02/11/2026 - 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.

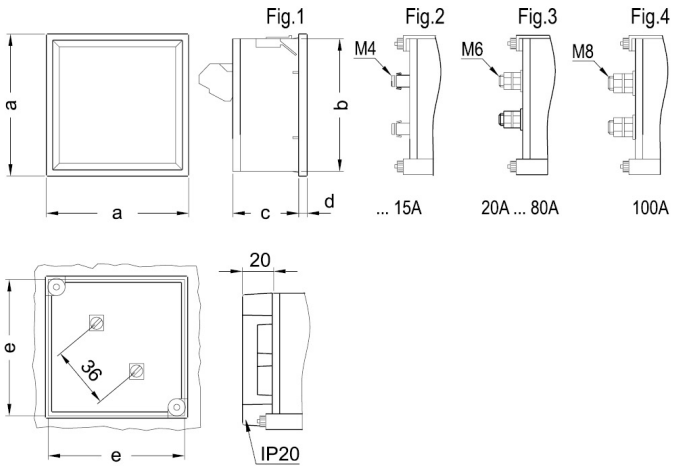


EC48 20A

Moving Iron Miliammeters and Ammeter

Code: M10215.

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

