EC48 50A

EC48 50A, Ammeter

Code: M10219.

> Scale: 90°, P2
> Accuracy: 1,5
> Measurement Range (A): 50
> 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.

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Moving Iron Miliammeters and Ammeter

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Specifications

Mechanical characteristics

Size (mm) width x height x depth	48 x 48 x 66.2 (mm)
Fastening	Panel
Weight (kg)	0,085

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

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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

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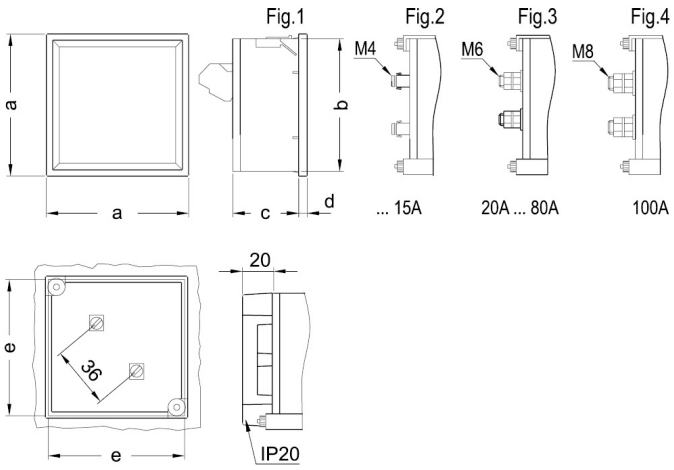
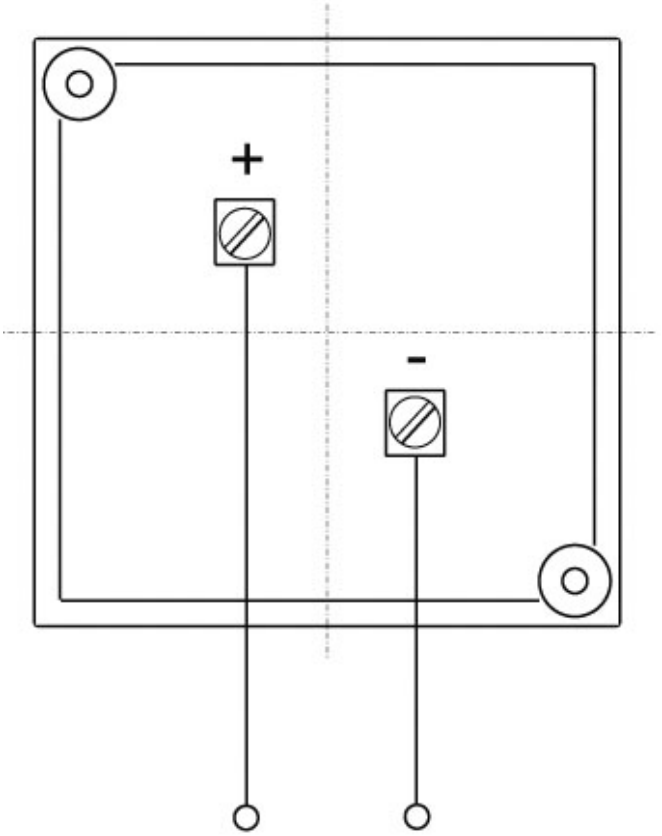
Dimensions



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



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