



## EC144 .../110V

EC144 .../110V, Voltmeter

Code: M10440.

- > Scale: 90°, P1
- > Accuracy: 1,5
- > Measurement Range (V): .../110
- > Modules: 144x144

### Description

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

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### Application

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



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Moving Iron Voltmeters

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### Specifications

#### Mechanical characteristics

Size (mm) width x height x depth	144 x 144 x 71.8 (mm)
Weight (kg)	0,43

#### Environmental characteristics

Protection class	Panel: IP 52 (Front), IP 20 (Terminals)
Storage temperature	-25...+40 °C
Working 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

#### 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
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#### Measurement accuracy

Accuracy	1,5 % FE
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#### 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
M10427.	EC72 400V	90°, P1	1,5	72x72



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CODE	TYPE	Scale	Accuracy	Modules
M10428.	EC72 500V	90°, P1	1,5	72x72
M10429.	EC72 600V	90°, P1	1,5	72x72
M10420.	EC72 .../110V	90°, P1	1,5	72x72
M10449.	EC144 600V	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
M10445.	EC144 250V	90°, P1	1,5	144x144
M10446.	EC144 300V	90°, P1	1,5	144x144
M10447.	EC144 400V	90°, P1	1,5	144x144
M10448.	EC144 500V	90°, P1	1,5	144x144
M10440.	EC144 .../110V	90°, P1	1,5	144x144

Exchangeable scales, Voltmeters 90°

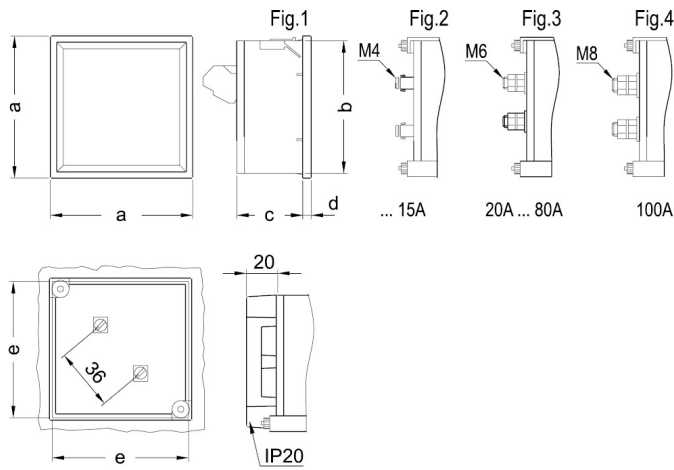


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## Dimensions



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

