


# EC72 400V

EC72 400V, Voltmeter

Code: M10427.

> Scale: 90°, P1
> Accuracy: 1,5
> Measurement Range (V): 400
> Modules: 72x72

## 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.



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# EC72 400V

Moving Iron Voltmeters

Code: M10427.

## Specifications

### Mechanical characteristics

| | |
|---|---|
| Size (mm) width x height x depth | 72 x 72 x 49.2 (mm) |
| Fastening | Panel |
| Weight (kg) | 0,136 |

### 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 |




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| 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°



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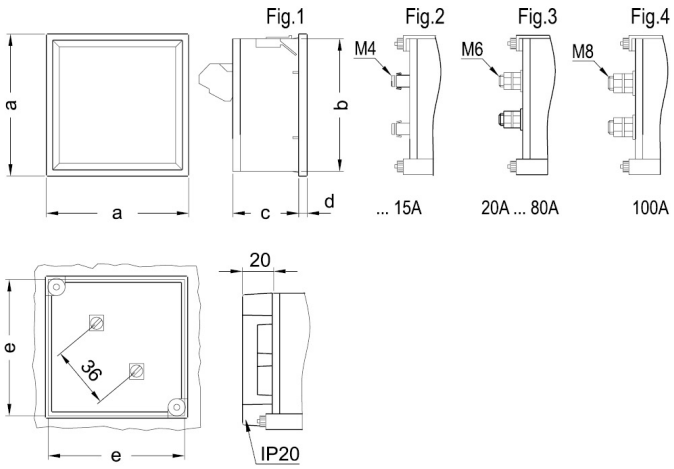
## Dimensions




| 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

