# EC72 FIII 250V

EC72 FIII 250V, Voltmeter

Code: M10625.

> Scale: 90°, P1
> System: Three-phase 3 wire
> Accuracy: 1,5
> Measurement Range (V): 250
> Modules: 72x72

## Specifications

### Mechanical characteristics

| | |
|---|---|
| Size (mm) width x height x depth | 72 x 72 x 49.2 (mm) |
| Fastening | Panel |
| Weight (kg) | 0,15 |

### 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 |

### 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-F-V
Voltmeters with phase switch for AC measurement

| CODE | TYPE | Scale | Accuracy | Modules |
|---|---|---|---|---|
| **Three-phase 3 wire** | | | | |
| M10625. | EC72 FIII 250V | 90°, P1 | 1,5 | 72x72 |
| M10626. | EC72 FIII 300V | 90°, P1 | 1,5 | 72x72 |



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| CODE | TYPE | Scale | Accuracy | Modules |
|---|---|---|---|---|
| M10627. | EC72 FIII 400V | 90°, P1 | 1,5 | 72x72 |
| M10628. | EC72 FIII 500V | 90°, P1 | 1,5 | 72x72 |
| M10629. | EC72 FIII 600V | 90°, P1 | 1,5 | 72x72 |
| M10632. | EC96 FIII .../110V | 90°, P1 | 1,5 | 72x72 |
| M10635. | EC96 FIII 250V | 90°, P1 | 1,5 | 96x96 |
| M10636. | EC96 FIII 300V | 90°, P1 | 1,5 | 96x96 |
| M10637. | EC96 FIII 400V | 90°, P1 | 1,5 | 96x96 |
| M10638. | EC96 FIII 500V | 90°, P1 | 1,5 | 96x96 |
| M10639. | EC96 FIII 600V | 90°, P1 | 1,5 | 96x96 |
| **Three-phase 4 wire** | | | | |
| M10725. | EC72 F III+N 250V | 90°, P1 | 1,5 | 72x72 |
| M10726. | EC72 F III+N 300V | 90°, P1 | 1,5 | 72x72 |
| M10727. | EC72 F III+N 400V | 90°, P1 | 1,5 | 72x72 |
| M10728. | EC72 F III+N 500V | 90°, P1 | 1,5 | 72x72 |
| M10729. | EC72 F III+N 600V | 90°, P1 | 1,5 | 72x72 |
| M10735. | EC96 F III+N 250V | 90°, P1 | 1,5 | 96x96 |
| M10736. | EC96 F III+N 300V | 90°, P1 | 1,5 | 96x96 |
| M10737. | EC96 F III+N 400V | 90°, P1 | 1,5 | 96x96 |
| M10738. | EC96 F III+N 500V | 90°, P1 | 1,5 | 96x96 |
| M10739. | EC96 F III+N 600V | 90°, P1 | 1,5 | 96x96 |

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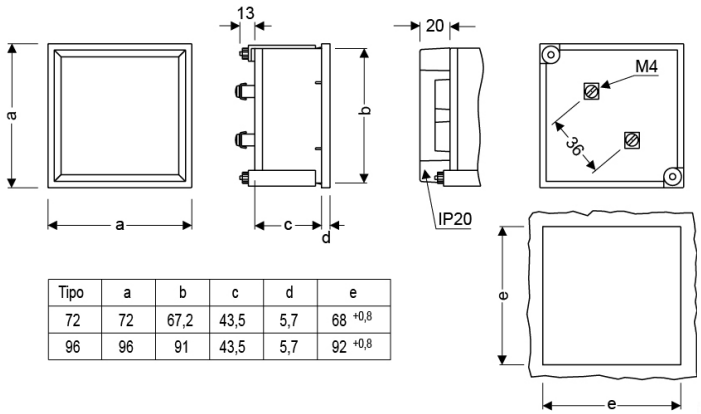
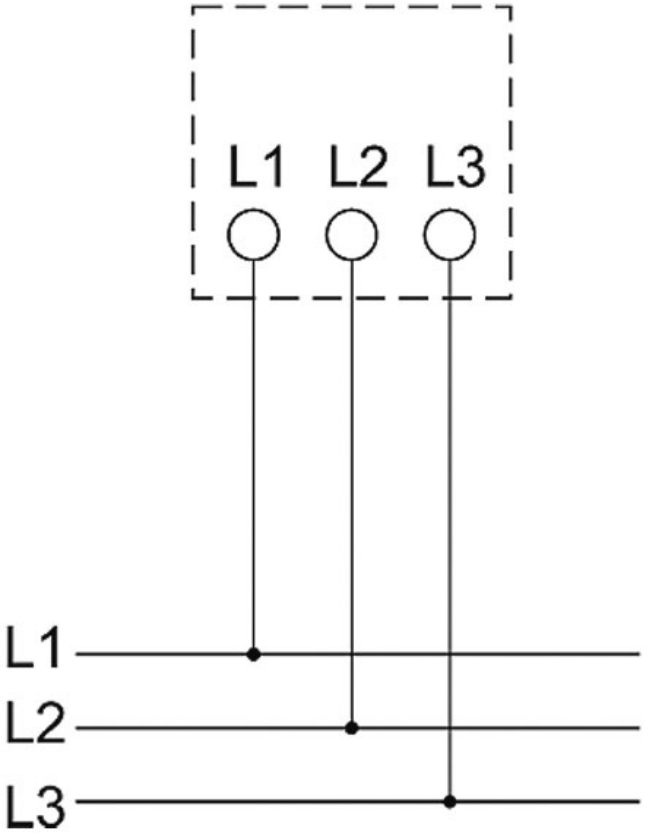
## Dimensions




| Tipo | a | b | c | d | e |
|---|---|---|---|---|---|
| 72 | 72 | 67,2 | 43,5 | 5,7 | 68 $^{+0,8}$ |
| 96 | 96 | 91 | 43,5 | 5,7 | 92 $^{+0,8}$ |

## Connections



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