



# EC96 F III+N 600V

EC96 F III+N 600V, Voltmeter

Code: M10739.

- > Scale: 90°, P1
- > System: Three-phase 4 wire
- > Accuracy: 1,5
- > Measurement Range (V): 600
- > Modules: 96x96

## Specifications

### Mechanical characteristics

|                                  |                     |
|----------------------------------|---------------------|
| Size (mm) width x height x depth | 96 x 96 x 49.2 (mm) |
| Fastening                        | Panel               |
| Weight (kg)                      | 0,22                |

### Environmental characteristics

|                       |                                         |
|-----------------------|-----------------------------------------|
| Protection class      | Panel: IP 52 (Front), IP 00 (Terminals) |
| Storage temperature   | -25...+40 °C                            |
| Operating 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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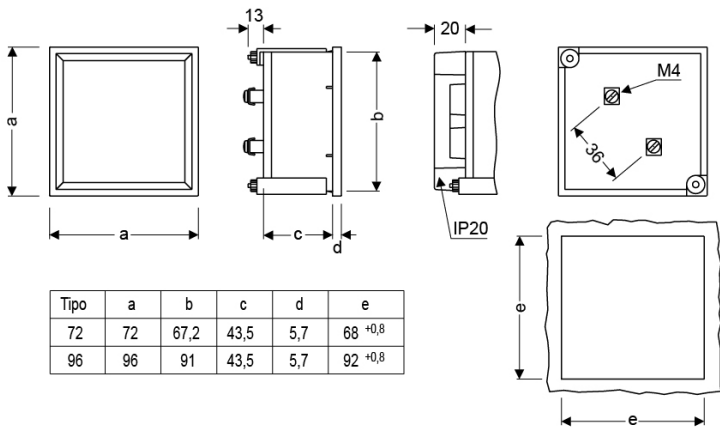
| CODE                | TYPE               | Scale   | Accuracy | Modules |
|---------------------|--------------------|---------|----------|---------|
| M10627.             | EC72 FIII 400V     | 90°, P1 | 1,5      | 72x72   |
| M10628.             | EC72 FIII 500V     | 90°, P1 | 1,5      | 72x72   |
| 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   |
| With sequence meter |                    |         |          |         |
| M11038.             | EC96 FN-S 500V     | 90°, P1 | 1,5      | 96x96   |



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Dimensions



Connections

