



## EC72 F III+N 500V

EC72 F III+N 500V, Voltmeter

Code: M10728.

- > Scale: 90°, P1
- > System: Three-phase 4 wire
- > Accuracy: 1,5
- > Measurement Range (V): 500
- > Modules: 72x72

### Specifications

#### Mechanical characteristics

|                                  |                     |
|----------------------------------|---------------------|
| Size (mm) width x height x depth | 72 x 72 x 49.2 (mm) |
| Fastening                        | Panel               |
| Weight (kg)                      | 0,166               |

#### Environmental characteristics

|                     |   |
|---------------------|---|
| Protection class    | Panel: IP 52 (Front), IP 00 (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 |
|-----------------------------|---|

#### Measurement accuracy

|          |          |
|----------|----------|
| Accuracy | 1,5 % FE |
|----------|----------|

#### EC-F-V

Voltmeters with phase switch for AC measurement

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



## EC72 F III+N 500V

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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   |
| <b>Three-phase 4 wire</b>  |                    |         |          |         |
| 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   |
| <b>With sequence meter</b> |                    |         |          |         |
| M11038.                    | EC96 FN-S 500V     | 90°, P1 | 1,5      | 96x96   |



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### Dimensions

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### Connections

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