



## 2EC96 2x440V

2EC96 2x440V, Voltmeter

Code: M13835.

- > Scale: 90°
- > Accuracy: 1,5
- > Measurement Range (V): 2x440
- > Device: 2EC96
- > Modules: 96x96

### Description

- Does not need an auxiliary power supply
- DIN box with dimensions 96 and 144 mm
- Class 1.5
- Double scale

### Application

For the measurement and comparison of alternating currents from two generators or a generator in the network, when connected in parallel.



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### Specifications

#### Mechanical characteristics

|                                  |                     |
|----------------------------------|---------------------|
| Size (mm) width x height x depth | 96 x 96 x 49.2 (mm) |
| Fastening                        | Panel               |
| Weight (kg)                      | 0,258               |

#### Environmental characteristics

|                     |   |
|---------------------|---|
| Protection class    | Panel: IP 52 (Front), IP 00 (Terminals) |
| Storage temperature | -25 ... +40 °C                          |
| Working temperature | +10 ... +30 °C                          |

#### Standards

|                |  |
|----------------|--|
| Certifications | UL   |
| 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                                   |
| Nominal voltage                       | 230 V ~   |
| Maximum permanent measurement voltage | 1,2 Vn permanent rated voltage / 2 Vn during 5s |

#### Electrical characteristics

|                             |   |
|-----------------------------|---|
| Insulation voltage, circuit | 2kV a 50 Hz < 1min entre mecanismo y caja |
|-----------------------------|---|

#### Measurement accuracy

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

#### 2EC

Double voltmeters

| CODE    | TYPE              | Scale | Accuracy | Modules | Device |
|---------|-------------------|-------|----------|---------|--------|
| M13831. | 2EC96 2x.../100V  | 90°   | 1,5      | 96x96   | 2EC96  |
| M13832. | 2EC96 2x.../110V  | 90°   | 1,5      | 96x96   | 2EC96  |
| M13833. | 2EC96 2x220V      | 90°   | 1,5      | 96x96   | 2EC96  |
| M13834. | 2EC96 2x380V      | 90°   | 1,5      | 96x96   | 2EC96  |
| M13835. | 2EC96 2x440V      | 90°   | 1,5      | 96x96   | 2EC96  |
| M13841. | 2EC144 2x.../100V | 90°   | 1,5      | 144x144 | 2EC144 |
| M13842. | 2EC144 2x.../110V | 90°   | 1,5      | 144x144 | 2EC144 |
| M13843. | 2EC144 2x220V     | 90°   | 1,5      | 144x144 | 2EC144 |



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|---------|---------------|-------|----------|---------|--------|
| M13844. | 2EC144 2x380V | 90°   | 1,5      | 144x144 | 2EC144 |
| M13845. | 2EC144 2x440V | 90°   | 1,5      | 144x144 | 2EC144 |

Indicate the voltage transformer ratio



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### Dimensions

