



2EC144 2x.../100V

2EC144 2x.../100V, Voltmeter

Code: M13841.

- > Scale: 90°
- > Accuracy: 1,5
- > Measurement Range (V): 2x.../100
- > Device: 2EC144
- > Modules: 144x144

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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Voltmeter, marine applications equipment

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Specifications

Mechanical characteristics

| | |
|----------------------------------|-----------------------|
| Size (mm) width x height x depth | 144 x 144 x 71.8 (mm) |
| Fastening | Panel |
| Weight (kg) | 0,43 |

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

