



HC96 45-55Hz 230V

HC96 45-55Hz 230V, Frequency metre

Code: M12731.

- > Scale: 90°
- > Accuracy: 0,5
- > Measure: 45...55 Hz
- > Frequency (Hz): 45...55
- > Modules: 96x96

Description

- Does not need an auxiliary power supply
- DIN box with dimensions: 48, 72, 96 and 144
- Class 0.5
- Built-in electronic converter

Application

Accurate and easy reading of frequency in alternating current circuits. The distortion of voltage (we shall measure its frequency) can reach 15% of the nominal voltage in the third order harmonic, while the Class is not affected.



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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) | 0,25 |

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 |

Current measurement circuit

| | |
|--------------------|------------------------------------|
| Allowable overload | 1,5 In permanent / 15 In during 1s |
|--------------------|------------------------------------|

Voltage measurement circuit

| | |
|--------------------|---------------|
| Consumption | 2 ... 3 VA |
| Sampling frequency | 50 ... 400 Hz |
| Nominal voltage | 230 V ~ |

Electrical characteristics

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

Measurement accuracy

| | |
|----------|----------|
| Accuracy | 0,5 % FE |
|----------|----------|

HC

Pointer type frequencymeters, 90°

| CODE | TYPE | Scale | Accuracy | Modules | Measure | Frequency (Hz) |
|--------------|-------------------|-------|----------|---------|------------|----------------|
| HC72 | | | | | | |
| M12721. | HC72 45-55Hz 230V | 90° | 0,5 | 72x72 | 45...55 Hz | 45...55 |
| HC96 | | | | | | |
| M12731. | HC96 45-55Hz 230V | 90° | 0,5 | 96x96 | 45...55 Hz | 45...55 |
| HC144 | | | | | | |



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|---------|--------------------|-------|----------|---------|------------|----------------|
| M12741. | HC144 45-55Hz 230V | 90° | 0,5 | 144x144 | 45...55 Hz | 45...55 |



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Dimensions

