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Code:

## Description

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

## Application

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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	48 x 48 x 66.2 (mm)
Fastening	Panel
Weight (kg)	0,095

Environmental characteristics

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

Standards

Certifications	UL
Electrical safety, Maximum height (m)	2000
Standards	BS 89, UNE-EN 60051, IEC 144, UL94, DIN 43780, IEC 51, UNE 21318

Current measurement circuit

Allowable overload	1,5 In permanent / 15 In during 1s
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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
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Measurement accuracy

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



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# Dimensions

