



HMSC45 45-55Hz 230V

HMSC45 45-55Hz 230V, Frequencymeter

Code: M12761.

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

Description

- o Does not need an auxiliary power supply
- o Class 0.5
- o 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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Frequencymeters

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Specifications

Mechanical characteristics

Size (mm) width x height x depth	85 x 52 x 65 (mm)
Weight (kg)	0,19

Environmental characteristics

Protection class	DIN rail: 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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HMSC

Pointer type frequencymeters, 90°

CODE	TYPE	Scale	Accuracy	Measure	Frequency (Hz)
HMSC45					
M12761.	HMSC45 45-55Hz 230V	90°	0,5	45...55 Hz	45...55