



HLC144 45-55Hz 21L

HLC144 45-55Hz 21L, Frequencymeter

Code: M129410060000

- > Accuracy: 0,5
- > Measure: 45...55 Hz
- > Frequency (Hz): 45...55, 21 láminas
- > Modules: 144x144

Description

- Does not need an auxiliary power supply
- DIN box with dimensions: 72, 96 and 144 mm
- Class 0.5
- Independent measurement of the wave shape

Application

Measurement of the frequency in alternating current circuits, for any type of wave shape and under adverse environmental and physical conditions.



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Specifications

Mechanical characteristics

Size (mm) width x height x depth	144 x 144 x 91.8 (mm)
Weight (kg)	0,423

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 22118

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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HLC

Reed type frequencymeter

CODE	TYPE	Accuracy	Modules	Measure	Frequency (Hz)
M1291100A0000	HLC48 48,5-51,5Hz 7L	0,5	48x48	48,5...51,5 Hz	48,5...51,5, 7 láminas
M1291100B0000	HLC48 58,5-61,5Hz 7L	0,5	48x48	58,5...61,5 Hz	58,5...61,5, 7 láminas
M1292100C0000	HLC72 47-53Hz 13L	0,5	72x72	47...53 Hz	47...53, 13 láminas
M1292100I0000	HLC72 57-63Hz 13L	0,5	72x72	57...63 Hz	53...63, 13 láminas
M1293100C0000	HLC96 47-53Hz 13L	0,5	96x96	47...53 Hz	47...53, 13 láminas
M1293100I0000	HLC96 57-63Hz 13L	0,5	96x96	57...63 Hz	57...63, 13 láminas



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CODE	TYPE	Accuracy	Modules	Measure	Frequency (Hz)
M129310080000	HLC96 46-54Hz 17L	0,5	96x96	46...54 Hz	46...54, 17 láminas
M129310090000	HLC96 56-64Hz 17L	0,5	96x96	56...64 Hz	57...63, 17 láminas
M129410060000	HLC144 45-55Hz 21L	0,5	144x144	45...55 Hz	45...55, 21 láminas
M129410070000	HLC144 55-65Hz 21L	0,5	144x144	55...65 Hz	55...65, 21 láminas



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Dimensions

