



DM45-F

DM45-F, Frequencymeter

Code: M20931. DESCATALOGADO

> N° relays: 1 > System: AC

> Measure: 10 ... 600 Hz > Paramètre: Frequencymeter

> Mounting: DIN rail

Description

- o Electrical parameter indicator equipment
- o Its design enables the installation of the unit on small panels
- $\circ~$ It measures voltage, current, frequency and harmonic distortion, depending on the type
- o Fully sealed
- o Fully programmable alarm relay
- Robust and compact
- O Stores maximum and minimum values

Application

- O Displays one or various electrical parameters of a sub-panel, control process or determined machine.
- Alarm system: the unit's internal relay can act on contactors, sound and/or light devices to carry out a protection or warning operation.





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Specifications

Consumption	5 VA
Frequency	4070 Hz.
Nominal voltage	115 / 230 Vc.a
Mechanical characteristics	
Size (mm) width x height x depth	36 x 85 x 63.8 (mm)
Envelope	Self-extinguishing ABS
Weight (kg)	0,212
Environmental characteristics	
Protection class	IP 20 / IP 54 with terminal cover (optional) (for models Ø 85, 100, 116 mm)
Relative humidity (without condensation)	595 %
Storage temperature	-40+70 °C
Working temperature	-20+50 °C
Current measurement circuit	
Refresh rate	1 lectura/s
Voltage measurement circuit	
Consumption	0,6 VA
Frequency measuring range	10600 Hz.
Maximum permanent measurement voltage	1,05 Vn
Jser interface	
LED	4
Range	Resolución minima 10,0 / Valor máximo 600
Resolution of the display	30
Display type	7 segments (4 digits), red
Standards	
Standards	EN 61000-6-3, EN 61000-6-1, IEC 61010-1, IEC 60664
Digital relay outputs	
Contact-coil insulation	2000 Vc.a.
Contact-contact insulation	750 Vc.a.
Nominal current	5 Aac
Leadelfor and the co	> 1000 MΩ
Insulation resistance	7 1000 1 12









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250 Vac Maximum open contact voltage

Measurement accuracy

 \pm 0,5 % FS (\pm 1 digit) Phase current measurement

Other information of interest: Size: 2 modules







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Dimensions Connections





