



## DM45-F

DM45-F, Frecuencymeter

Code: M20931. DESCATALOGADO

- > N° relays: 1
- > System: AC
- > Measure: 10 ... 600 Hz
- > Paramètre: Frecuencymeter
- > Mounting: DIN rail

### Description

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

### Application

- 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.



# DM45-F

Digital instruments, DIN rail

Code: M20931.

## Specifications

### AC power supply

Consumption	5 VA
Frequency	40...70 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)	5...95 %
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	10...600 Hz.
Maximum permanent measurement voltage	1,05 Vn

### User interface

LED	4
Range	Resolución mínima 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
Insulation resistance	> 1000 MΩ
Resistive load (max.)	750 VA



# DM45-F

Digital instruments, DIN rail

Code: M20931.

Maximum open contact voltage	250 Vac
------------------------------	---------

## Measurement accuracy

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

Other information of interest: Size: 2 modules

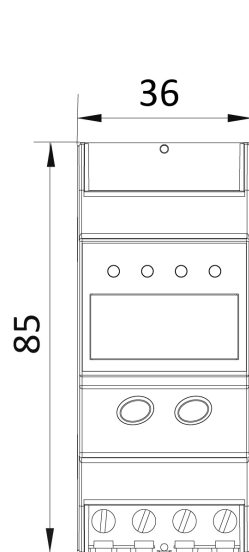


## DM45-F

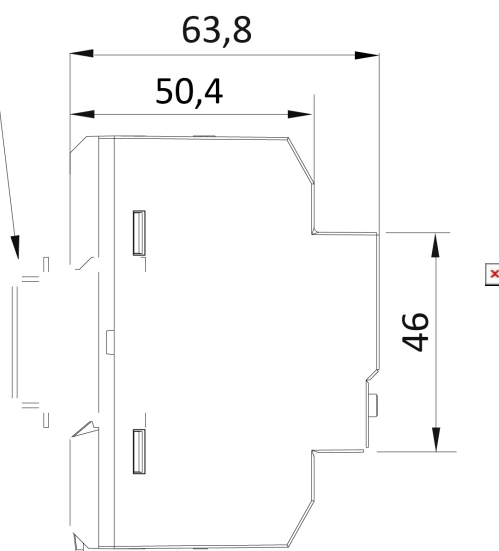
Digital instruments, DIN rail

Code: M20931.

### Dimensions



DIN RAIL  
46227



### Connections