



## DC72B MD

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DC72B MD, Max.demanda

Code: M2022A. (CONSULTAR DISPONIBILIDAD)

- > Scale: ... / 5 Aca
- > System: AC
- > Measure: Direct: 5 Aac Transformer: ... / 5 Aac 1 Relay
- > Mounting: Pannel
- > Modules: 72 x 72

### Description

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- Fully programmable: scale, transformer ratio, etc. (except frequency meters)
- Measurement of V, A, Hz or °C.
- Measurement in true root mean square (TRMS), ac types.Excellent quality / price ratio
- Measurement of maximum and minimum values
- Optional relay output, depending on the type

### Application

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The high luminosity 4-digit digital display indicates the voltage, current, frequency or instantaneous temperature, with the maximum and minimum values of medium and low voltage lines.



## DC72B MD

Digital indicator for panel mounting

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### Specifications

#### AC power supply

Consumption	4 VA
Frequency	40...70 Hz.
Nominal voltage	115...230 Vc.a. ( $\pm 10\%$ )

#### Mechanical characteristics

Size (mm) width x height x depth	72 x 72 x 85.5 (mm)
Envelope	ABS V0
Weight (kg)	0,24

#### Environmental characteristics

Protection class	IP 20 (Terminals and case), IP 54 (Front), IP 65 (with protection)
Storage temperature	0...+65 °C
Working temperature	-40...+70 °C

#### Standards

Certifications	VDE
Standards	IEC 1010, IEC 348, IEC 664, EN50081-1, EN50082-1, VDE0435, VDE0700, VDE0110, VDE0106

#### Current measurement circuit

Input/output insulation	Tensión de prueba: 3 kV, 50Hz, 1min / Test de impulsos: 4 kV (1,2/50 $\mu$ s)
Number of samples per cycle	32
Resolution	10 bits

#### User interface

Overscale indicator	----
LED	5
Decimal point	Programable
Range	0...9999 (c.a.) / -1999...9999 (c.c.)
Display type	7 segments (4 digits)

#### Digital relay outputs

Contact-coil insulation	4000 Vc.a.
Contact-contact insulation	1000 Vc.a.
Insulation resistance	500 V (> 1000 M $\Omega$ )
Resistive load (max.)	2000 VA
Maximum open contact voltage	250 Vac
Electrical life	> 100000 operaciones



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Mechanical life

>10000000 operations

### Measurement accuracy

Phase current measurement

$\pm 0,5 \% \text{ FS } (\pm 1 \text{ digit})$

All AC instruments measure TRMS values Please see the code table for other power supply values (110 Vdc power supply not available)