



DM45-CMD

DM45-CMD, Ammeter

Code: M20951. DESCATALOGADO

- > N° relays: 1
- > System: AC
- > Measure: 600 Vac / .../5 A / 10...600 Hz
- > Paramètre: Analyzer (V, A, Hz, THD)
- > 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.



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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)	0,215

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	3 lectura/s
Maximum current	30 Ac.a.
Minimum current measurement	0,5 Aac

Voltage measurement circuit

Consumption	0,6 VA
Frequency measuring range	10...600 Hz.
Minimum measurement voltage (Vstart)	50 Vac.
Maximum value	600 Vc.a.

User interface

LED	4
Range	Resolución mínima 30 / 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
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Digital relay outputs

Contact-coil insulation	2000 Vc.a.
Contact-contact insulation	750 Vc.a.



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Nominal current	5 Aac
Insulation resistance	> 1000 MΩ
Resistive load (max.)	750 VA
Maximum open contact voltage	250 Vac

Measurement accuracy

Phase current measurement	± 0,5 % FS (± 1 digit)
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Other information of interest: Size: 2 modules



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Dimensions



Connections

