



DM45-A

DM45-A, Ammeter

Code: M20911. DESCATALOGADO

- > N° relays: 1
- > System: AC
- > Measure: ... / 5 Aac
- > Paramètre: Ammeter
- > 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)	0,193

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

Allowable overload	1,2 In permanent
Refresh rate	1 lectura/s
Maximum current	5 Ac.a.
Minimum current measurement	0,05 Aac
Resolution	10 bits

Voltage measurement circuit

Consumption	0,6 VA
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User interface

LED	4
Range	0,000...9999
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.
Nominal current	5 Aac



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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

