



## DM45-CMD

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DM45-CMD, Ammeter

Code: M20951. [CONSULTAR DISPONIBILIDAD](#)

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

### Description

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- 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

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- 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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Digital instruments, DIN rail

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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
Operating 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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### DM45

Digital instrument

CODE	TYPE	N° relays	System	Measure	Paramètre
M20901.	DM45-V	1	AC	50...600 Vac	Voltmeter
M20911.	DM45-A	1	AC	... / 5 Aac	Ammeter
M20921.	DM45-AD	1	AC	0,5 ... 30 Aac	Ammeter
M20931.	DM45-F	1	AC	10 ... 600 Hz	Frequencymeter
M20941.	DM45-CM	1	AC	600 Vac / .../5 A /10...600 Hz	Analyzer (V, A, Hz, THD)
M20951.	DM45-CMD	1	AC	600 Vac / .../5 A /10...600 Hz	Analyzer (V, A, Hz, THD)

Other information of interest: Size: 2 modules

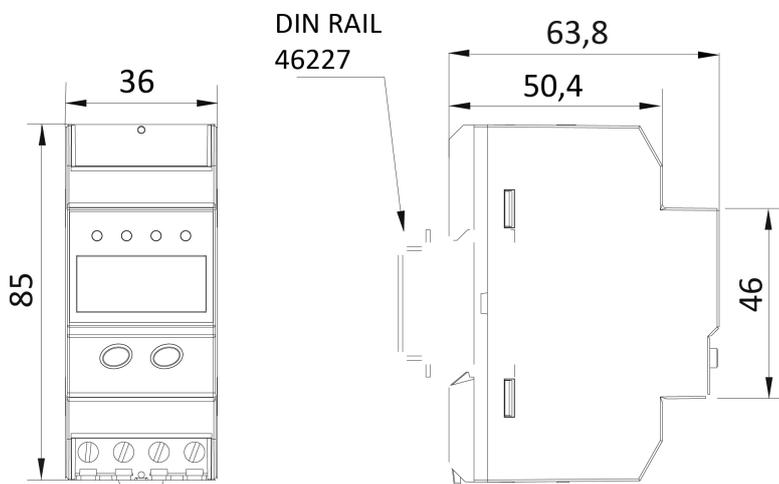


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### Dimensions



### Connections

