

DCP-96 AAC

DCP-96 AAC, Three-phase digital ammeter

Code: M22450. **DESCATALOGADO**

> Scale: .../5A, .../1A
> System: AC
> Paramètre: A,Hz
> Mounting: Pannel
> Modules: 96 x 96

Description

DCP-96 is a new family of panel meters that measure voltage or current (depending on the type) in single-phase and three-phase networks, with or without neutral.
Measurement is performed using true RMS (TRMS), via three AC voltage inputs on voltmeters or three /5A or /1A current inputs on ammeters.
The dimensions are 96x96mm, with a depth of just 41.5mm.
Standard types can be powered by AC (80...270V~) and DC (80...270V dc) systems.
Both also offer the special 18 ... 36V dc power supply option.

Application

Measurement of basic electrical parameters in switchboards and low- and medium-voltage connections where space constraints require installing an accurate, space-saving panel indicactor.

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Panel-mounted digital instruments

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Specifications

AC power supply

Installation category	CAT III 300 V
Consumption	1 ... 4 VA
Frequency	50/60 Hz
Nominal voltage	80...270 V ~

DC power supply

Installation category	CAT III 300 V
Consumption	0.5 ... 0.7 W
Nominal voltage	80...270 Vdc

Mechanical characteristics

Size (mm) width x height x depth	96 x 96 x 41.5 (mm)
Envelope	Polycarbonate + ABS
Weight (kg)	0,2

Environmental characteristics

Protection class	Front: IP54, Rear: IP20
Relative humidity (without condensation)	≤ 95%
Storage temperature	-40 ... +85 °C
Working temperature	-25 ... +70 °C

Current measurement circuit

Installation category	CAT III 300 V
Consumption	< 0.2 VA (por fase)
Nominal current (In)	1 A / 5 A ~
Allowable overload	1.2 In continuous, 10 In instantaneous(5s)

Voltage measurement circuit

Installation category	CAT III 300 V
Sampling frequency	45...65 Hz
Frequency measuring range	45 ... 65 Hz
Voltage measuring range	45 ... 65 Hz

Standards

Electrical safety, Maximum height (m)	2000
Electrical safety, Installation category	CAT III 300 V
Electrical safety, Contamination level/class	Pollution resistance 2
Standards	IEC 61010-1, IEC 61000-4-2, IEC 61000-4-3, IEC 61000-4-4, IEC 61000-4-5, IEC



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	61000-4-6, IEC 61000-4-8, IEC 61000-4-11

User interface

Keyboard	3 keys
Display type	LCD

Measurement accuracy

Frequency measurement	± 0.01 Hz
Phase current measurement	0.2 % (± 1 digit)

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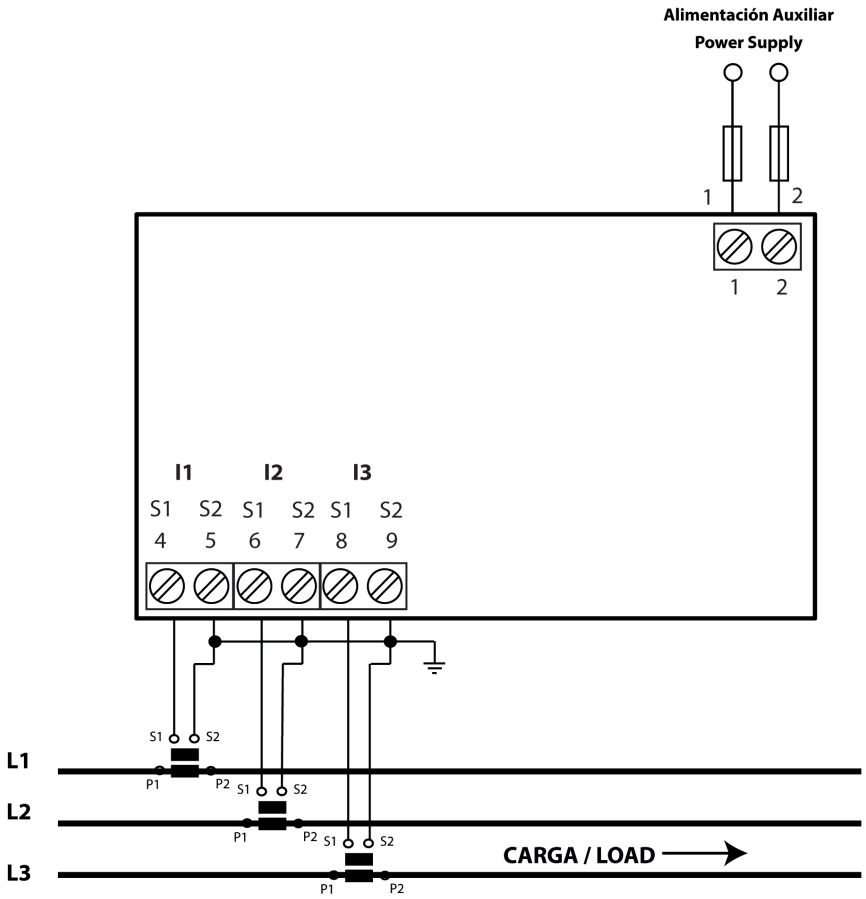


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Connections



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