

DCB-48 Adc

DCB-48 Adc, digital ammeter, 48 x 48

Code: M22170. CONSULTAR DISPONIBILIDAD

> Scale: 1 A / 5 A

> N° relays: -

> System: DC

- > Mounting: Pannel
- > Modules: 48 x 48

Description

Panel-mounted digital instruments that display the value of an electrical variable measured or proportional value of a process signal on its screen (depending on the model). Designed to supervise, regulate and control units with the use of relay outputs that are built in the unit.

The **DCB** series displays the value of an electrical variable measured or proportional value of a process signal on its screen (depending on the model). The unit displays the electrical parameters of a single-phase installation, depending on the model, such as the voltage, current, etc. In DC systems, the unit can measure the voltage, current, frequency and other variables associated with industrial processes. The AC models take the measurements in true RMS (TRMS).

All models in this range have the following features:

- $\,\circ\,\,$ Universal power supply at 80 ... 270 $V_{ac/dc}$ and optional power supply at 24 V_{dc}
- IP 54 protection degree on the front panel
- High measurement accuracy
- Programmable measuring input
- Alarm delays and interlockings
- Galvanic insulation between external circuits
- Self-configurable decimal point
- $\circ~$ Can be installed on 48 x 48 or 72 x 72 mm panels, depending on the model

Application

These digital instruments have many different applications and can be used in:

- Industrial applications
- Air conditioning units
- Solar photovoltaic energy installations
- Industrial process control systems

Circutor



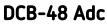
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Specifications

AC power supply	
Installation category	CAT III 300 V
Consumption	0.8 3 VA
Frequency	50/60 Hz
Nominal voltage	80270 V ~
DC power supply	
Installation category	CAT III 300 V
Consumption	0.4 0.5 W
Nominal voltage	80270 Vdc
Environmental characteristics	
Protection class	Frontal: IP54, Rear: IP20
Relative humidity (without condensation)	≤ 95 %
Storage temperature	-40 +85 °C
Working temperature	-40 +70 ° C
Mechanical characteristics	
Envelope	Polycarbonate + ABS
Weight (kg)	0,1
Current measurement circuit	
Current measurement circuit	CAT III 300 V
	CAT III 300 V < 0.2 VA
Installation category	
Installation category Consumption	< 0.2 VA
Installation category Consumption Nominal current (In)	< 0.2 VA 1 A / 5 A dc
Installation category Consumption Nominal current (In) Allowable overload	< 0.2 VA 1 A / 5 A dc
Installation category Consumption Nominal current (In) Allowable overload Standards	< 0.2 VA 1 A / 5 A dc 1.2 In continuous, 10 In instantaneous(5s)
Installation category Consumption Nominal current (In) Allowable overload Standards Electrical safety, Maximum height (m)	< 0.2 VA 1 A / 5 A dc 1.2 In continuous, 10 In instantaneous(5s) 2000
Installation category Consumption Nominal current (In) Allowable overload Standards Electrical safety, Maximum height (m) Electrical safety, Installation category	< 0.2 VA 1 A / 5 A dc 1.2 In continuous, 10 In instantaneous(5s) 2000 CAT III 300 V Pollution resistance 2
Installation category Consumption Nominal current (In) Allowable overload Standards Electrical safety, Maximum height (m) Electrical safety, Installation category Electrical safety, Contamination level/class	< 0.2 VA 1 A / 5 A dc 1.2 In continuous, 10 In instantaneous(5s) 2000 CAT III 300 V Pollution resistance 2 IEC 61010-1, IEC 61000-4-2, IEC 61000-4-3, IEC 61000-4-4, IEC 61000-4-5, IEC
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Phase current measurement

0.5 %

DCB

Digital instrument

CODE	TYPE	Scale	N° relays	System	Modules
Voltmeters					
M22210.	DCB-72 Vac	63,5 V / 100 V / 110 V /230 V /380 V /480 V	-	AC	72 x 72
M22212.	DCB-72 Vac-20R	63,5 V / 100 V / 110 V /230 V /380 V /480 V	2	AC	72 x 72
M22220.	DCB-72 LVdc	± 10 V	-	DC	72 x 72
M22230.	DCB-72 HVdc	± 1500 V	-	DC	72 x 72
Ammeters					
M22252.	DCB-72 Aac-20R	1 A / 5 A	2	AC	72 x 72
Process ind	icators				
M22140.	DCB-48 mVdc	60 mV / 75 mV / 100 mV / 150 mV / 200 mV	-	DC	48 x 48

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Dimensions

Connections

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×

