

Compact and accurate



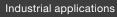
Model available with a relay output (alarm)



Universal power supply



High IP protection degree



Air conditioning





Solar photovoltaic Process control

Technical features

Accuracy	Measurement	0.5%
Environmental	Operating temperature	-40+70 °C
features	Relative humidity	< 93% (without condensation)
	Maximum altitude	2000 m
Mechanical	Installation category	CAT III
features	Protection degree	IP 54 (front panel) + IP 20 (rear panel)
Standards	IEC 61000-4-2:2008, IEC 61000-4-3:2006, IEC 61000-4-4:2012, IEC 61000-4-5:2014, IEC 61000-4-6:2013, IEC 61000-4-8:2009, IEC 61000-4-11:2004	

References

Туре	Scale	Model	Code
Voltmeter (Vac)	63.5 V / 100 V / 110 V / 230 V / 380 V /480 V	DCB-48 Vac	M22110
		DCB-72 Vac With 2 relay outputs	M22210 M22212
Voltmeter (Vdc)	±10 V	DCB-48 LVdc	M22120
		DCB-72 LVdc With 2 relay outputs	M22220 M22222
	±500 V	DCB-48 HVdc	M22130
	±1500 V	DCB-72 HVdc With 2 relay outputs	M22230 M22232
	1 Aac / 5 Aac	DCB-48 Aac	M22150
Ammeter (Aac)		DCB-72 Aac With 2 relay outputs	M22250 M22252
	1 Adc / 5 Adc	DCB-48 Adc	M22170
Ammeter (Adc)		DCB-72 Adc With 2 relay outputs	M22270 M22272
	60 mV / 75 mV / 100 mV / 150 mV / 200 mV	DCB-48 mVdc	M22140
Process indicator (mVdc)		DCB-72 mVdc With 2 relay outputs	M22240 M22242
	-20+20 mA / 020 mA / 420mA	DCB-48 mAdc	M22160
Process indicator (mAdc)		DCB-72 mAdc With 2 relay outputs	M22260 M22262

Attribute MXXXXX0030000 for 24 V power supply.



DCB Digital instruments







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DCB

Panel-mounted digital instruments

The DCB series displays the value of the electrical variable measured or proportional value of a process signal on its screen (depending on the model).

These compact and accurate units can be fully configured in relation to the scales, transformation ratio and indication of the status of alarms, showing flashing values on the display and allowing certain operations on external elements to be carried out with the activation of relay outputs.

- > Available in 48x48 or 72x72 mm format
- > Alarm indicator, displayed on the screen
- Featuring universal power supply at 80...270 Vac/dc and optional power supply at 24 Vdc.
- High IP 54 protection degree on the front panel





Voltmeter series

- The units in this range measure and display the single-phase AC voltage and frequency. They feature 6 programmable voltage scales, ranging from 63.5, 100, 110, 230, 380 to 480 V, measuring in true RMS throughout the entire range (TRMS).
- Range of models with different operating ranges for DC (both Low and Medium Voltage). Models available with a voltage measurement range of ±500 V (48x48) and ±1500 V (72x72).

Ammeter series

- The units in this range measure and display the single-phase AC current and frequency. Featuring 2 programmable /1 and /5 Aac current scales, measuring in true RMS throughout the entire range (TRMS).
- Range of models with different operating ranges for DC (both Low and Medium Voltage). Available in models with a 1 and 5 Adc current measurement range.





Process indicators series

- This range of units measures and displays all types of AC processing signals. Available with 5 programmable voltage scales, ranging from 60, 75, 100, 150 to 200 V, measuring in true RMS throughout the entire range (TRMS).
- In addition, a range with 3 programmable current scales is also available for DC. Models available with a current measurement range of ±10 V, ±20 mA, 0...20 mA and 4...20 mA.