

DCB-48 mVdc

DCB-48 mVdc, digital process indicator, 48 x 48

Code: M22140.

> Scale: 60 mV / 75 mV / 100 mV / 150 mV / 200 mV
> N° relays: -
> System: DC
> Mounting: Pannel
> Modules: 48 x 48

Specifications

AC power supply

Installation category	CAT III 300 V
Consumption	0.8 ... 3 VA
Frequency	50/60 Hz
Nominal voltage	80...270 V ~

DC power supply

Installation category	CAT III 300 V
Consumption	0.4 ... 0.5 W
Nominal voltage	80...270 Vdc

Environmental characteristics

Protection class	Front: 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

Voltage measurement circuit

Installation category	CAT III 300 V
Consumption	< 0.1 VA
Input impedance	> 1 MΩ
Nominal voltage	60 mV / 75 mV / 100 mV / 150 mV / 200 mV (dc)
Maximum permanent measurement voltage	1.2 Un continous, 2 Un instantaneous (1 min)

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

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Panel-mounted digital instruments

Code: M22140.

User interface

Keyboard	4 keys
Display type	LED 4 digits

Measurement accuracy

Phase voltage measurement	0.5 %

DCB

CODE	TYPE	Scale	N° relays	System	Modules
Voltmeters					
M22110.	DCB-48 Vac	63,5 V / 100 V / 110 V /230 V /380 V /480 V	-	AC	48 x 48
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-2OR	63,5 V / 100 V / 110 V /230 V /380 V /480 V	2	AC	72 x 72
M22120.	DCB-48 LVdc	± 10 V	-	DC	48 x 48
M22220.	DCB-72 LVdc	± 10 V	-	DC	72 x 72
M22222.	DCB-72 LVdc-2OR	± 10 V	2	DC	72 x 72
M22130.	DCB-48 HVdc	± 500 V	-	DC	48 x 48
M22230.	DCB-72 HVdc	± 1500 V	-	DC	72 x 72
M22232.	DCB-72 HVdc-2OR	± 1500 V	2	DC	72 x 72
Ammeters					
M22150.	DCB-48 Aac	1 A / 5 A	-	AC	48 x 48
M22250.	DCB-72 Aac	1 A / 5 A	-	AC	72 x 72
M22252.	DCB-72 Aac-2OR	1 A / 5 A	2	AC	72 x 72
M22170.	DCB-48 Adc	1 A / 5 A	-	DC	48 x 48
M22270.	DCB-72 Adc	1 A / 5 A	-	DC	72 x 72
M22272.	DCB-72 Adc-2OR	1 A / 5 A	2	DC	72 x 72
Process indicators					
M22140.	DCB-48 mVdc	60 mV / 75 mV / 100 mV / 150 mV / 200 mV	-	DC	48 x 48
M22240.	DCB-72 mVdc	60 mV / 75 mV / 100 mV / 150 mV / 200 mV	-	DC	72 x 72
M22242.	DCB-72 mVdc-2OR	60 mV / 75 mV / 100 mV / 150 mV / 200 mV	2	DC	72 x 72
M22160.	DCB-48 mAdc	-20 ... +20 mA / 0...20 mA / 4...20 mA	-	DC	48 x 48
M22260.	DCB-72 mAdc	-20 ... +20 mA / 0...20 mA / 4...20 mA	-	DC	72 x 72
M22262.	DCB-72 mAdc-2OR	-20 ... +20 mA / 0...20 mA / 4...20 mA	2	DC	72 x 72

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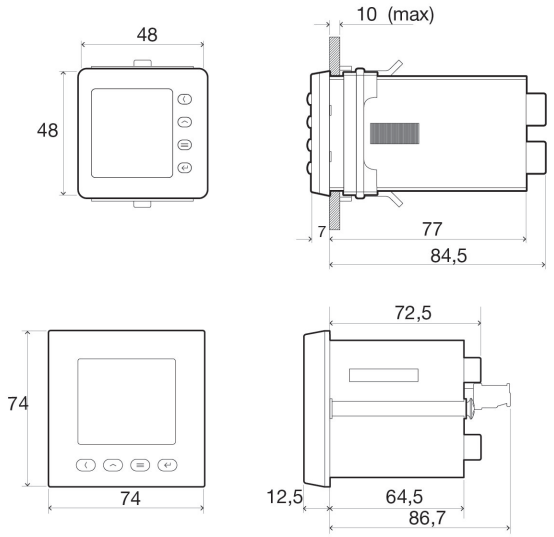


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Panel-mounted digital instruments

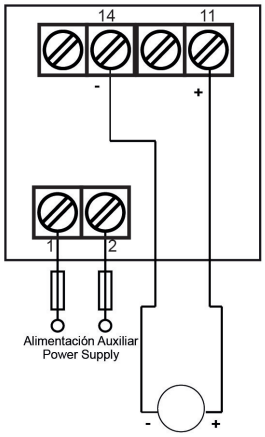
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Dimensions



Units: mm

Connections



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