

DCB-72 Aac-20R



DCB-72 Aac-20R, digital ammeter, 72 x 72, 2 output relays

Code: M22252.

- > Scale: 1 A / 5 A
- > N° relays: 2
- > System: AC
- > Mounting: Pannel
- > Modules: 72 x 72

Specifications

AC power supply

Installation category	CAT III 300 V
Consumption	1.8 ... 4 VA
Frequency	50/60 Hz
Nominal voltage	80...270 V ~

DC power supply

Installation category	CAT III 300 V
Consumption	1.1 ... 1.2 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)	0,19

Current measurement circuit

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

Voltage measurement circuit

Sampling frequency	45...65 Hz
Voltage measuring range	45...65 Hz

Standards

Electrical safety, Maximum height (m)	2000
Electrical safety, Installation category	CAT III 300 V



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Panel-mounted digital instruments

Code: M22252.

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

User interface

Keyboard	4 keys
Display type	LED 5 digits

Digital relay outputs

Quantity	2
Maximum current	5 A ~
Maximum open contact voltage	277 V ~
Electrical life	(250 V ~ / 5 A) 1 x 10 ⁵
Mechanical life	5 x 10 ⁶
Maximum switching capacity	1250 VA

Measurement accuracy

Phase current measurement	0.5 %
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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-20R	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-20R	± 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-20R	± 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-20R	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-20R	1 A / 5 A	2	DC	72 x 72



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CODE	TYPE	Scale	Nº relays	System	Modules
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-20R	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-20R	-20 ... +20 mA / 0...20 mA / 4...20 mA	2	DC	72 x 72

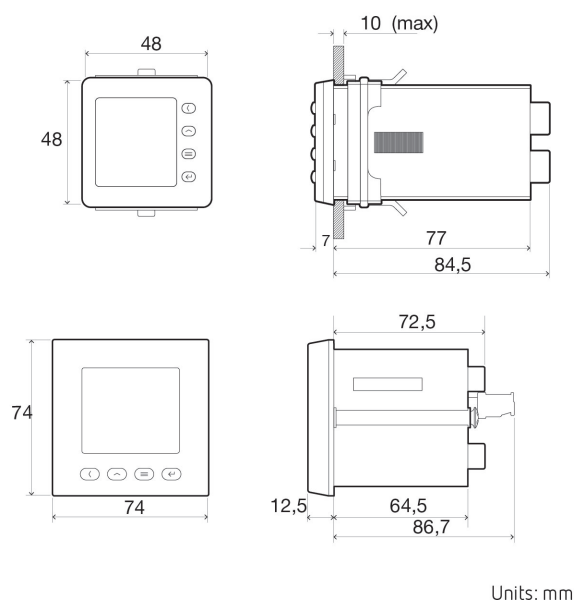


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Dimensions



Connections

