

Product designation

Product type designation DIN rail module number Auxiliary supply Us

## **DMK81R1** AMMETER, SINGLE-PHASE, 1 CURRENT VALUE, 1 MAX CURRENT VALUE, 1 MIN CURRENT VALUE. RELAY OUTPUT WITH CONTROL AND PROTECTION FUNCTIONS

		Metering instruments -	
		Ammeter DMK81R1	
		3	
	VAC	220240	
min	Hz	50	
max	Hz	60	
Max	VA	3.6	
	W	1.8	

Auxiliary rated supply voltage AC		VAC	220240
Operational frequency			
	min	Hz	50
	max	Hz	60
Power consumption			
	Max	VA	3.6
Power dissipation Max		W	1.8
Current inputs			
Rated current (le)		А	5
Measurement range			0.055.75
Current inputs operational frequency			
	min	Hz	45
	max	Hz	66
			Shunts
			connected by
Туре			external low
			voltage CT 5A
Measurement method			max TRMS
			+20% le
Overload capacity Accuracy			+20% le
Accuracy			±0.5% f.s. ±1
	Current		±0.570 I.S. ±1
	Carrone		digit
Insulations	Canon		digit
	ourion	V	digit 415
Insulations Rated insulation voltage Ui IEC/EN Mechanical features	Guilont	V	
Rated insulation voltage Ui IEC/EN Mechanical features	Curronic	V	
Rated insulation voltage Ui IEC/EN		V	415
Rated insulation voltage Ui IEC/EN Mechanical features Housing type		V	415 Polyamide
Rated insulation voltage Ui IEC/EN Mechanical features Housing type Terminals type	min	V mm²	415 Polyamide
Rated insulation voltage Ui IEC/EN Mechanical features Housing type Terminals type			415 Polyamide Fixed
Rated insulation voltage Ui IEC/EN Mechanical features Housing type Terminals type	min	mm²	415 Polyamide Fixed 0.2
Rated insulation voltage Ui IEC/EN Mechanical features Housing type Terminals type	min Max	mm² mm²	415 Polyamide Fixed 0.2 4
Rated insulation voltage Ui IEC/EN Mechanical features Housing type Terminals type	min Max min	mm² mm² AWG	415 Polyamide Fixed 0.2 4 24 12
Rated insulation voltage Ui IEC/EN Mechanical features Housing type Terminals type Conductor cross section	min Max min	mm² mm² AWG	415 Polyamide Fixed 0.2 4 24
Rated insulation voltage Ui IEC/EN Mechanical features Housing type Terminals type Conductor cross section	min Max min	mm² mm² AWG AWG	415 Polyamide Fixed 0.2 4 24 12
Rated insulation voltage Ui IEC/EN Mechanical features Housing type Terminals type Conductor cross section	min Max min	mm² mm² AWG AWG Nm	415 Polyamide Fixed 0.2 4 24 12 0.5
Rated insulation voltage Ui IEC/EN   Mechanical features   Housing type   Terminals type   Conductor cross section   Tightening torque (Max)	min Max min	mm² mm² AWG AWG Nm	415 Polyamide Fixed 0.2 4 24 12 0.5 4.5

Temperature

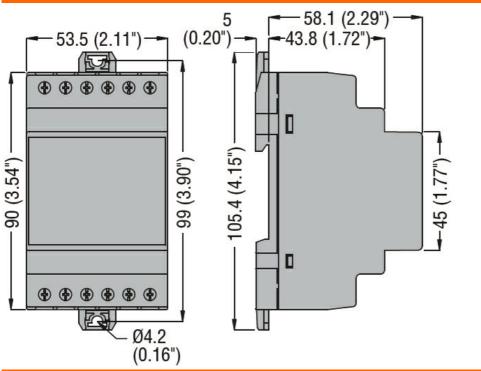
DMK81R1



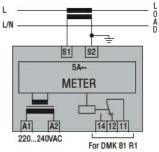
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Operating temperature			
	min	°C	-20
	max	°C	+60
Storage temperature			
	min	°C	-30
	max	°C	+80
Relative humidity		%	±1 digit
		/0	60%90% R.H.
Protection degree			IP40

## <u>Dimensions</u>



## Wiring diagrams



Certifications a	and compliance	
Compliance		
	IEC/EN 61000-6-2	
	IEC/EN 61000-6-3	
	IEC/EN 61010-1	
Certificates		
	EAC	
ETIM classifica	ation	
ETIM 8.0		EC002292 - Ampere meter for installation

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