

Product designation				Metering instruments - Ammeter
Product type designation				DMK81R1
DIN rail module number				3
Auxiliary supply Us				
Auxiliary rated supply voltage AC	VAC		220...240	
Operational frequency	min	Hz	50	
	max	Hz	60	
Power consumption	Max	VA	3.6	
Power dissipation Max			W	1.8
Current inputs				
Rated current (Ie)			A	5
Measurement range				0.05...5.75
Current inputs operational frequency	min	Hz	45	
	max	Hz	66	
Type				Shunts connected by external low voltage CT 5A max
Measurement method				TRMS
Overload capacity				+20% Ie
Accuracy				
Measurement conditions (T +23°C ±1°C / Rel. Humidity 45 ±15% R.H.)	current		±0.5% f.s. ±1 digit	
Insulations				
Rated insulation voltage Ui IEC/EN			V	415
Mechanical features				
Housing type				Polyamide
Terminals type				Fixed
Conductor cross section	min	mm ²	0.2	
	Max	mm ²	4	
	min	AWG	24	
	Max	AWG	12	
Tightening torque (Max)			Nm	0.5
			lbin	4.5
Fixing				DIN rail
Weight			g	268
Ambient conditions				
Temperature	Operating temperature			
	min	°C	-20	
	max	°C	+60	
	Storage temperature			
	min	°C	-30	
	max	°C	+80	

Relative humidity	%	±1 digit 60%...90% R.H.
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Protection degree		IP40
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Dimensions

Wiring diagrams

Certifications and compliance

Compliance	IEC/EN 61000-6-2
	IEC/EN 61000-6-3
	IEC/EN 61010-1

Certificates	EAC
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ETIM classification

ETIM 8.0	EC002292 - Ampere meter for installation
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