

Product designation				Metering instruments - Voltmeter or ammeter
Product type designation				DMK02
<b>Auxiliary supply Us</b>				
Auxiliary rated supply voltage AC		VAC	220...240	
Operational frequency				
	min	Hz	50	
	max	Hz	60	
Power consumption				
	Max	VA	3.3	
Power dissipation Max		W	1.5	
<b>Measuring voltage inputs</b>				
Rated voltage (Ue)		phase-phase	VAC	600
Operating voltage range		phase-neutral	VAC	15...660
Voltage inputs operational frequency				
	min	Hz	45	
	max	Hz	66	
Voltage inputs measurement method				True RMS
<b>Current inputs</b>				
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
<b>Accuracy</b>				
Measurement conditions (T +23°C ±1°C / Rel. Humidity 45 ±15% R.H.)				
		VLN voltage	±0.25% f.s. ±1 digit	
		VLL voltage	±0.25% f.s. ±1 digit	
		current	±0.5% f.s. ±1 digit	
<b>Insulations</b>				
Rated insulation voltage Ui IEC/EN		V	600	
<b>Mechanical features</b>				
Housing type				Thermoplastic
Terminals type				Removable
Conductor cross section				
	min	mm <sup>2</sup>	0.2	
	Max	mm <sup>2</sup>	2.5	
	min	AWG	24	
	Max	AWG	12	
Tightening torque (Max)				

		Nm	0.8
		lbin	7
Fixing			Flush-mounting
Weight		g	290
<b>Ambient conditions</b>			
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.
Protection degree			IP54
<b>Dimensions</b>			
<b>Wiring diagrams</b>			
<b>Certifications and compliance</b>			
Compliance	CSA C22.2 n° 14		
	IEC/EN 61000-6-2		
	IEC/EN 61000-6-3		
	IEC/EN 61010-1		
	UL508		
Certificates	cULus		
	EAC		
<b>ETIM classification</b>			
ETIM 8.0			EC002306 - Voltmeter for installation