

Product designation				Metering instruments - Voltmeter
Product type designation				DMK80R1
DIN rail module number				3
<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	3.6	
Power dissipation Max				
		W	1.8	
<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>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	
<b>Insulations</b>				
Rated insulation voltage Ui IEC/EN				
		V	600	
<b>Mechanical features</b>				
Housing type				
			Polyamide	
Terminals type				
			Fixed	
Conductor cross section				
	min	mm <sup>2</sup>	0.2	
	Max	mm <sup>2</sup>	4	
	min	AWG	24	
	Max	AWG	12	
Tightening torque (Max)				
		Nm	0.5	
		lbin	4.5	
Fixing				
			DIN rail	
Weight				
		g	268	
<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	IP40
<b>Dimensions</b>	
<b>Wiring diagrams</b>	
<b>Certifications and compliance</b>	
Compliance	IEC/EN 61000-6-2
	IEC/EN 61000-6-3
	IEC/EN 61010-1
Certificates	EAC
<b>ETIM classification</b>	
ETIM 8.0	EC002306 - Voltmeter for installation