

VOLTMETER, THREE-PHASE, 3 PHASE VOLTAGE VALUES, 3 PHASE TO PHASE VOLTAGE VALUES, 3 MAX VOLTAGES VALUES, 3 MAX PHASE TO PHASE VOLTAGE VALUES, 3 MIN PHASE VOLTAGE VALUES, 3 MIN PHASE TO PHASE VOLTAGE VALUES. RELAY OUTPUT FOR CONTROL AND PROTECTION FUNCTIONS



Product designation				Metering instruments - Voltmeter
Product type designation				DMK10R1
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	
		W	1.8	
Measuring voltage inputs				
Rated voltage (Ue)	phase-phase	VAC	600	
	phase-neutral	VAC	347	
Operating voltage range	phase-phase	VAC	15...660	
	phase-neutral	VAC	10...382	
Voltage inputs operational frequency	min	Hz	45	
	max	Hz	66	
Voltage inputs measurement method				True RMS
Accuracy				
	VLN voltage	±0.25% f.s. ±1 digit		
	VLL voltage	±0.25% f.s. ±1 digit		
Insulations				
Rated insulation voltage Ui IEC/EN			V	600
Mechanical features				
Housing type				Thermoplastic
Terminals type				Removable
Conductor cross section	min	mm ²	0.2	
	Max	mm ²	2.5	
	min	AWG	24	
	Max	AWG	12	
Tightening torque (Max)		Nm	0.8	
		lbin	7	
Fixing				Flush-mounting
Weight			g	330
Ambient conditions				
Temperature	Operating temperature			

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min	°C	-20
max	°C	+60

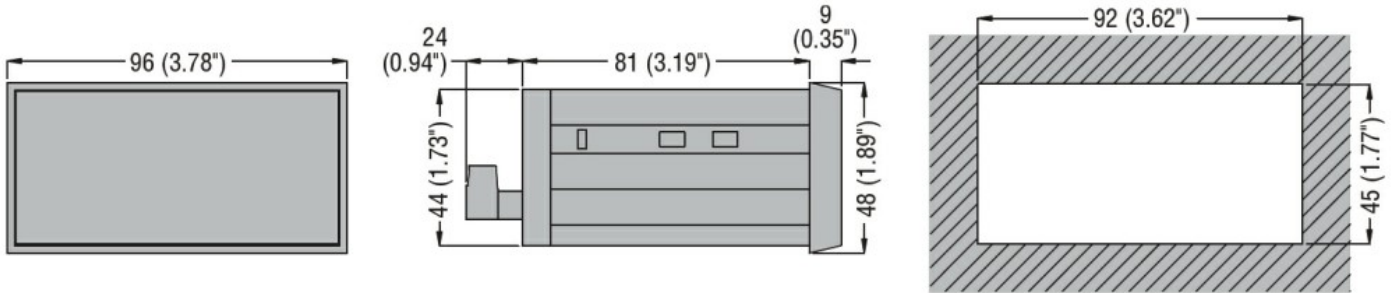
Storage temperature

min	°C	-30
max	°C	+80

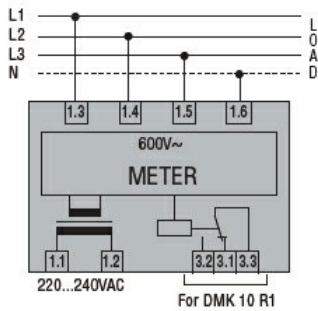
Protection degree

IP54

Dimensions



Wiring diagrams



Certifications and compliance

Compliance

- CSA C22.2 n° 14
- IEC/EN 61000-6-2
- IEC/EN 61000-6-3
- IEC/EN 61010-1
- UL508

Certificates

- cULus
- EAC

ETIM classification

ETIM 8.0

EC002306 -
Voltmeter for
installation