



Product designation				Digital metering instruments
Product type designation				DMK16R1
Auxiliary supply Us				
Auxiliary rated supply voltage AC			VAC	220...240
Operational frequency		min	Hz	50
		max	Hz	60
Power consumption		Max	VA	3.9
Power dissipation Max			W	2.1
Measuring voltage inputs				
Rated voltage (Ue)		phase-phase	VAC	600
		phase-neutral	VAC	347
Operating voltage range		phase-phase	VAC	35...660
		phase-neutral	VAC	20...382
Voltage inputs operational frequency		min	Hz	45
		max	Hz	66
Voltage inputs measurement method				True RMS
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				
	VLN voltage			±0.25% f.s. ±1 digit
	VLL voltage			±0.25% f.s. ±1 digit
	Current			±0.5% f.s. ±1 digit
	Frequency			±1 digit
	Active power			±1% f.s. ±1 digit
Insulations				
Rated insulation voltage Ui IEC/EN			V	600



FLUSH-MOUNT LED MULTIMETER, THREE-PHASE, NON EXPANDABLE, 3 PHASE VOLTAGE VALUES, 3 PHASE TO PHASE VOLTAGE VALUES, 3 PHASE CURRENT VALUES, 4 ACTIVE POWER VALUES, PHASE AND TOTAL, 4 REACTIVE POWER VALUES, PHASE AND TOTAL, 4 APPARENT POWER VALUES, PHASE AND TOTAL, 3 PHASE POWER FACTOR VALUES, 1 FREQUENCY VALUE, 1 ACTIVE ENERGY VALUE IN KWH, 1 REACTIVE ENERGY VALUE IN

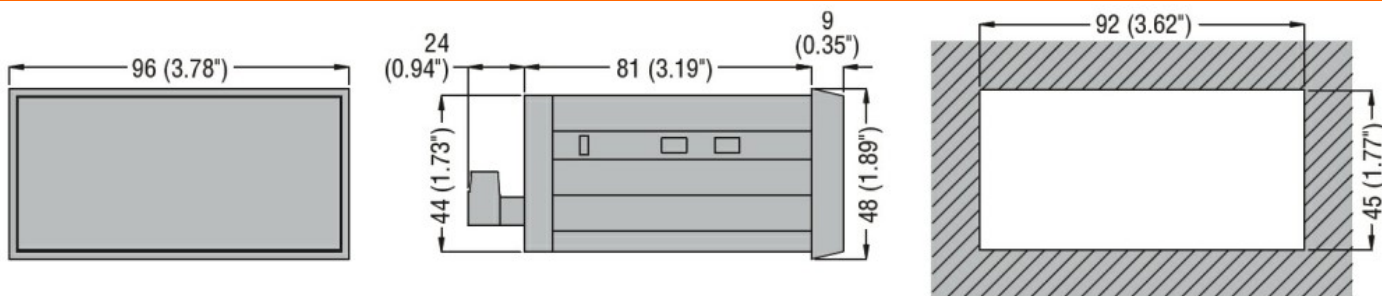
Mechanical features

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	353

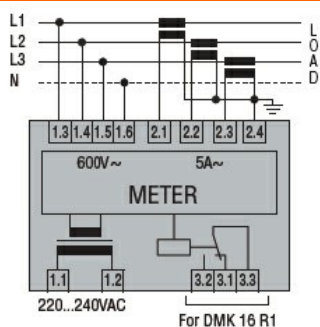
Ambient conditions

Temperature	Operating temperature		
	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



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EC002301 -
Multifunction
measuring
instrument

ETIM 8.0