

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



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
Mechanical features			
Housing type			Thermoplastic
Terminals type			Removable

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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

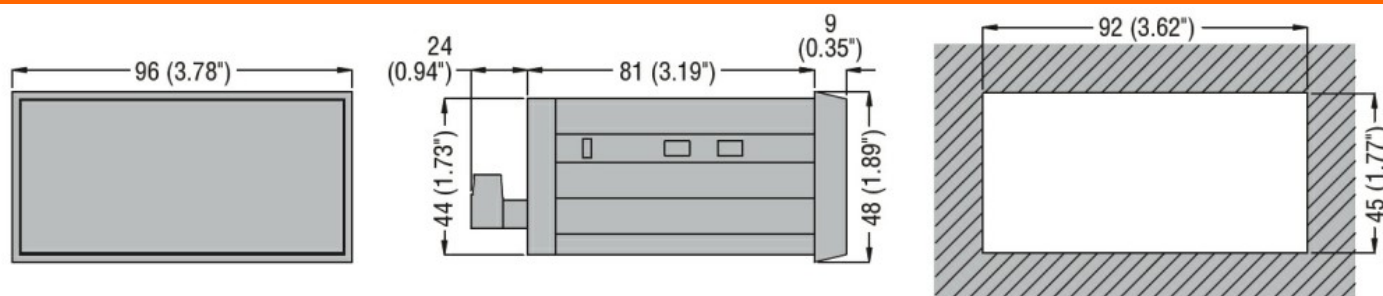
Storage temperature

min	°C	-30
max	°C	+80

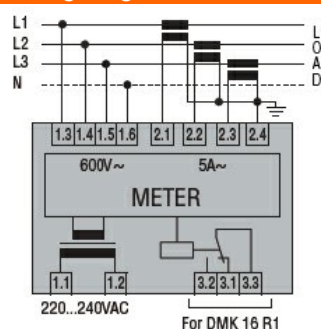
Protection degree

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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DMK16R1

EC002301 -
Multifunction
measuring
instrument

ETIM 8.0