

COMBINED VOLTMETER, AMMETER AND WATTMETER, THREE-PHASE, 3 PHASE VOLTAGE VALUES, 3 PHASE TO PHASE VOLTAGE VALUES, 3 PHASE CURRENT VALUES, 4 ACTIVE POWER VALUES, PHASE AND TOTAL, 3 MAX VOLTAGES VALUES, 3 MAX PHASE TO PHASE VOLTAGE VALUES, 3 MAX PHASE CURRENT VALUES, 4 MAX ACTIVE POWER VALUES, PHASE AND TOTAL, 3 MIN PHASE VOLTAGE VALUES, 3 MIN PHASE TO PHASE VOLTAGE



Auxiliary supply U_s

Auxiliary rated supply voltage AC	VAC	220...240
Operational frequency	min max	Hz Hz 50 60
Power consumption	Max	VA 3.6
Power dissipation Max	W	1.8

Measuring voltage inputs

Rated voltage (U_e)	phase-phase phase-neutral	VAC VAC	600 347
Operating voltage range	phase-phase phase-neutral	VAC VAC	35...660 20...382
Voltage inputs operational frequency	min max	Hz Hz	45 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	$\pm 0.25\%$ f.s. ± 1 digit
VLL voltage	$\pm 0.25\%$ f.s. ± 1 digit
Current	$\pm 0.5\%$ f.s. ± 1 digit
Frequency	± 1 digit
Active power	$\pm 1\%$ f.s. ± 1 digit

Insulations

Rated insulation voltage U_i IEC/EN	V	600
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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 350

Ambient conditions

Temperature

Operating temperature

min	°C	-20
max	°C	+60

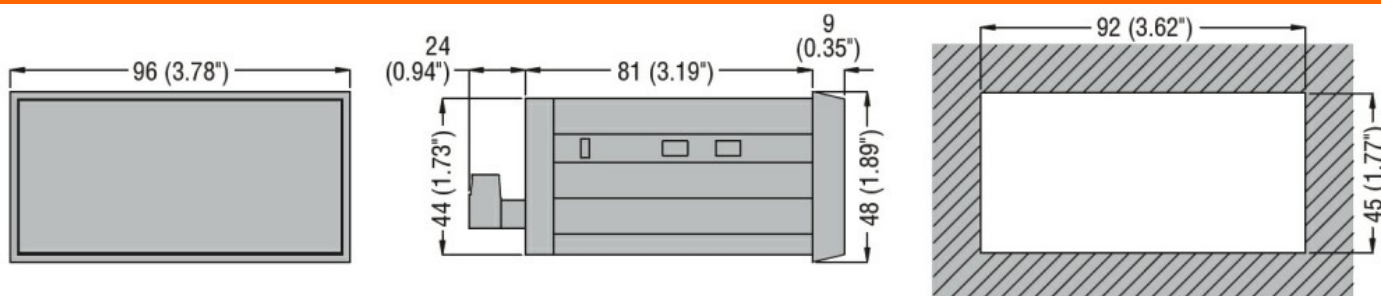
Storage temperature

min	°C	-30
max	°C	+80

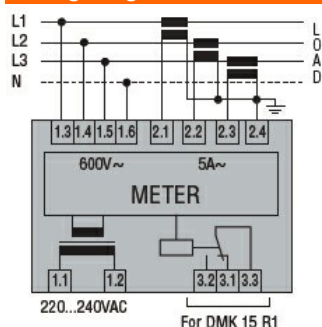
Protection degree

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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DMK15R1

ETIM 8.0

EC002301 -
Multifunction
measuring
instrument