



Product designation

Product type designation

Metering
instruments -
Voltmeter,
ammeter and
wattmeter
DMK15R1

Auxiliary supply U_s

Auxiliary rated supply voltage AC VAC 220...240

Operational frequency

min	Hz	50
max	Hz	60

Power consumption

Max	VA	3.6
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Power dissipation Max

W	1.8
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Measuring voltage inputs

Rated voltage (U_e)

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 (I_e)

A	5
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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

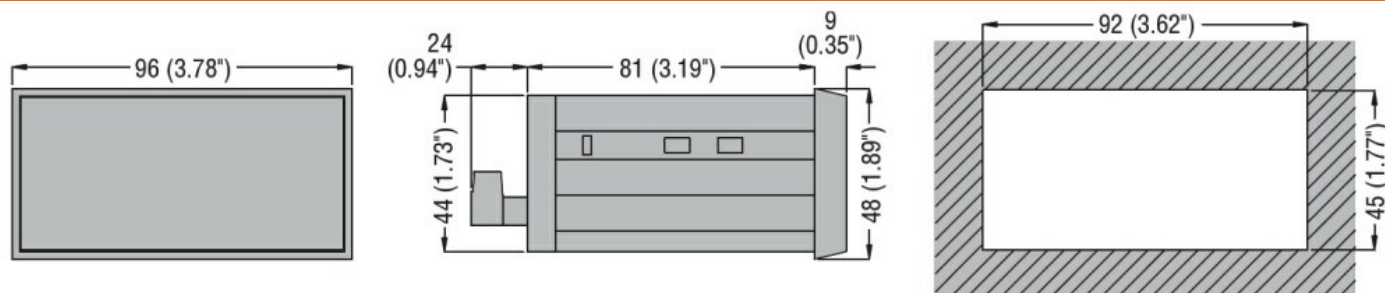
+20% I_e

Accuracy

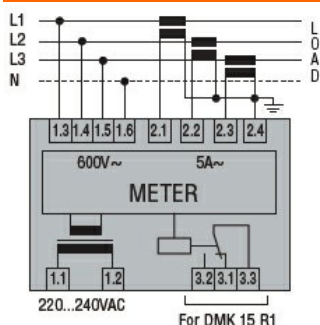
VLN voltage	$\pm 0.25\%$ f.s. ± 1 digit
VLL voltage	$\pm 0.25\%$ f.s. ± 1 digit
Current	$\pm 0.5\%$ f.s. ± 1 digit
Frequency	± 1 digit

		Active power	±1% 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	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

ETIM 8.0

EC002301 -
Multifunction
measuring
instrument