



Product designation

Metering
instruments -
Voltmeter.
ammeter and
wattmeter
DMK15R1

Product type designation

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

Power dissipation Max

W 1.8

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

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

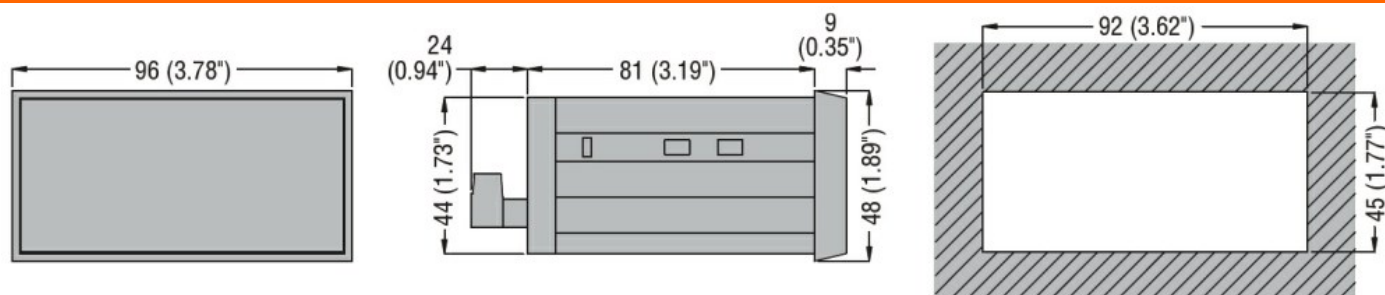
+20% I_e

Accuracy

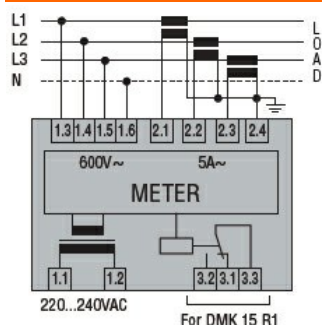
VLN voltage $\pm 0.25\%$ f.s. ± 1 digit
VLL voltage $\pm 0.25\%$ f.s. ± 1 digit
Current $\pm 0.5\%$ f.s. ± 1 digit
Frequency ± 1 digit

		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	mm²	0.2
		Max	mm²	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