



Product designation

Product type designation

Metering  
instruments -  
Voltmeter.  
ammeter and  
wattmeter  
DMK15R1

#### Auxiliary supply Us

Auxiliary rated supply voltage AC	VAC	220...240
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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 (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
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#### Current inputs

Rated current (Ie)	A	5
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Measurement range	0.05...5.75
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Current inputs operational frequency	min	Hz	45
	max	Hz	66

Type	Shunts connected by external low voltage CT 5A max
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Measurement method	TRMS
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Overload capacity	+20% Ie
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#### 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

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 VALUES, 3 MIN PHASE CURRENT VALUES, 4 MIN 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 VALUES, 3 MIN PHASE CURRENT VALUES, 4 MIN ACTIVE POWER VALUES, PHASE AND TOTAL

Active power  $\pm 1\%$  f.s.  $\pm 1$  digit

### Insulations

Rated insulation voltage  $U_i$  IEC/EN V 600

### Mechanical features

Housing type Thermoplastic

Terminals type Removable

Conductor cross section

min	mm <sup>2</sup>	0.2
Max	mm <sup>2</sup>	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

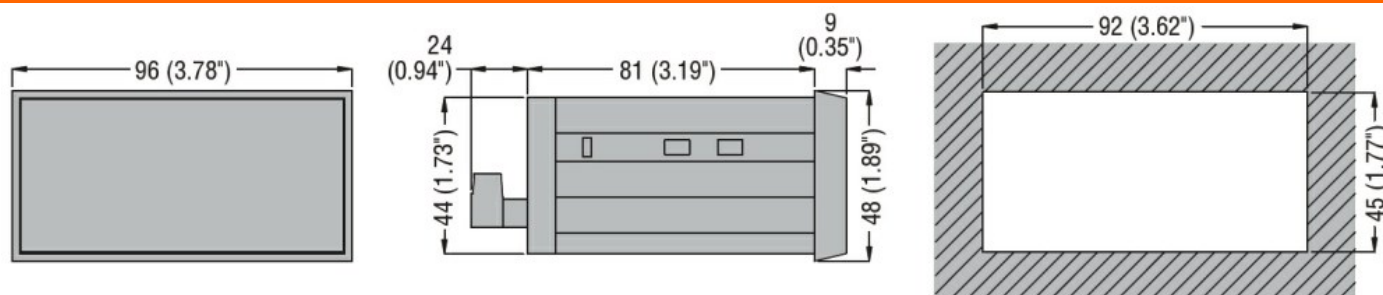
min	°C	-20
max	°C	+60

Storage temperature

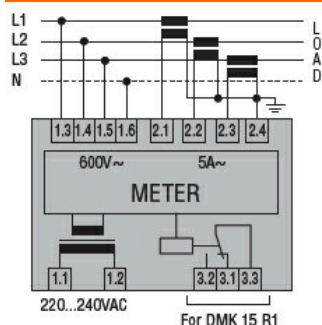
min	°C	-30
max	°C	+80

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

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EAC

ETIM classification

ETIM 8.0

EC002301 -  
Multifunction  
measuring  
instrument