



Product designation

Product type designation

Metering  
instruments -  
Voltmeter.  
ammeter and  
wattmeter  
DMK15R1

#### Auxiliary supply Us

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 (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
--------------------	------

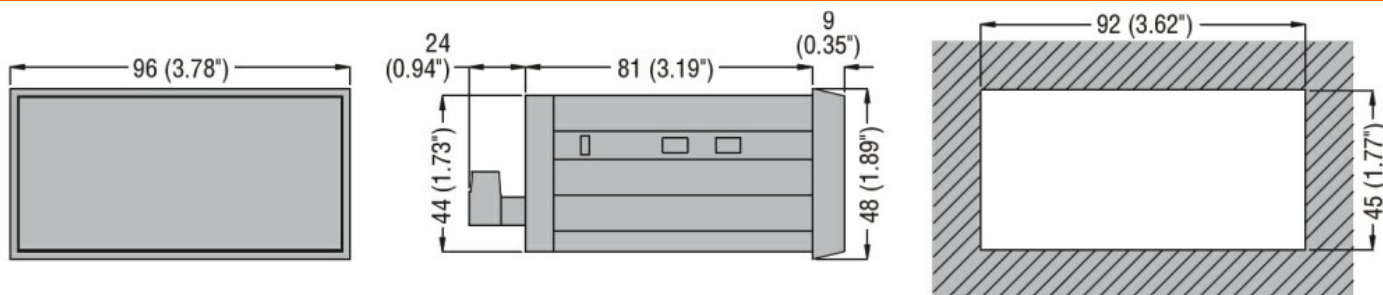
Overload capacity	+20% Ie
-------------------	---------

#### Accuracy

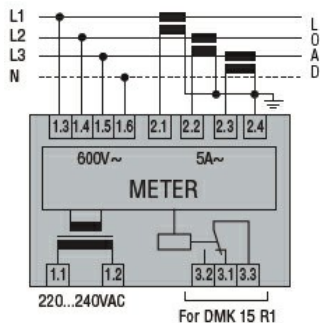
VLN voltage	±0.25% f.s. ±1 digit
VLL voltage	±0.25% f.s. ±1 digit
Current	±0.5% f.s. ±1 digit
Frequency	±1 digit

		Active power		±1% f.s. ±1 digit
Insulations				
Rated insulation voltage Ui IEC/EN		V	600	
Mechanical features				
Housing type		Thermoplastic		
Terminals type		Removable		
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