



Product designation				Metering instruments - Voltmeter, ammeter and wattmeter
Product type designation				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	

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

Active power ±1% f.s. ±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 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

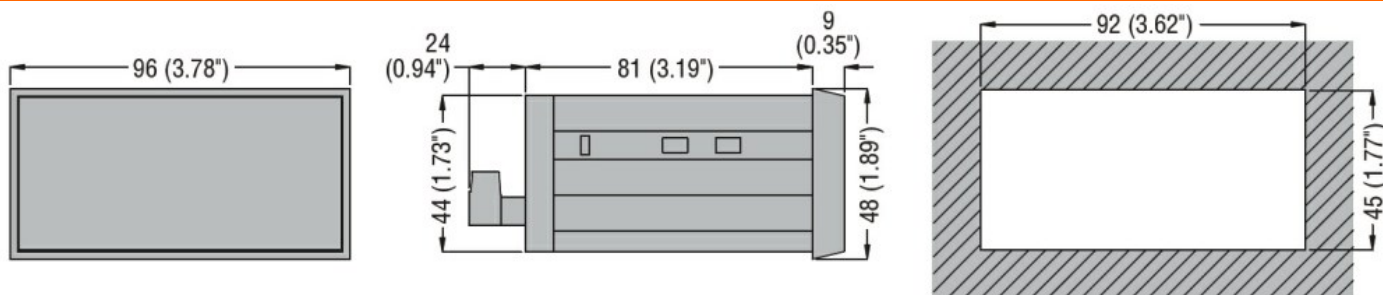
Storage temperature

min	°C	-30
max	°C	+80

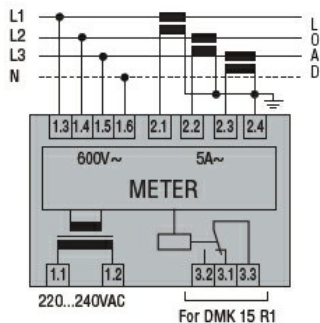
Protection degree

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



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EAC

ETIM classification

ETIM 8.0

EC002301 -
Multifunction
measuring
instrument