DMK15R1

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



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

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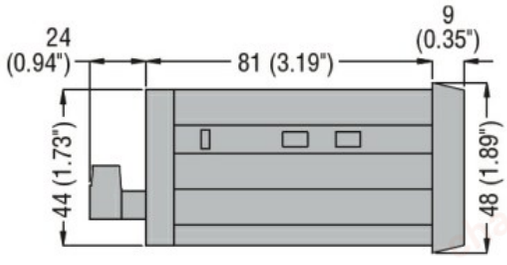
DMK15R1

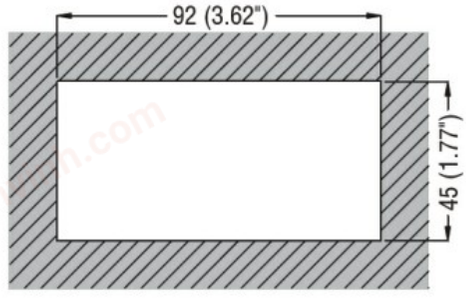
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	Active power		±1% f.s. ±1 digit
Insulations			
Rated insulation voltage Ui IEC/EN		V	600
Mechanical features			
Housing type			Thermoplastic
Terminals type			Removable
Conductor cross section			
	min	mm²	0.2
	Max	mm²	2.5
	min	AWG	24
	Max	AWG	12
Tightening 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

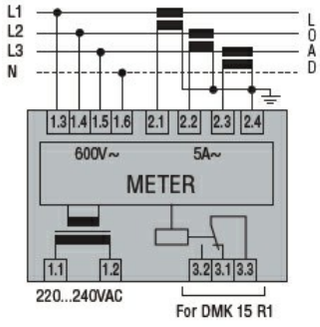
Dimensions







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

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cULus

EAC

ETIM classification

ETIM 8.0	EC002301 - Multifunction measuring instrument

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