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DMK75R1

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 MAXIMUM PHASE VOLTAGE VALUES, 3 MAXIMUM PHASE TO PHASE VOLTAGE VALUES, 3 MAXIMUM PHASE CURRENT VALUES, 4MAX ACTIVE POWER, PHASE AND TOTAL, 3 MINIMUM PHASE VOLTAGE VALUES, 3 MINIMUM PHASE TO



Product designation			Metering instruments - Voltmeter. ammeter and wattmeter
Product type designation			DMK75R1
DIN rail module number			3
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

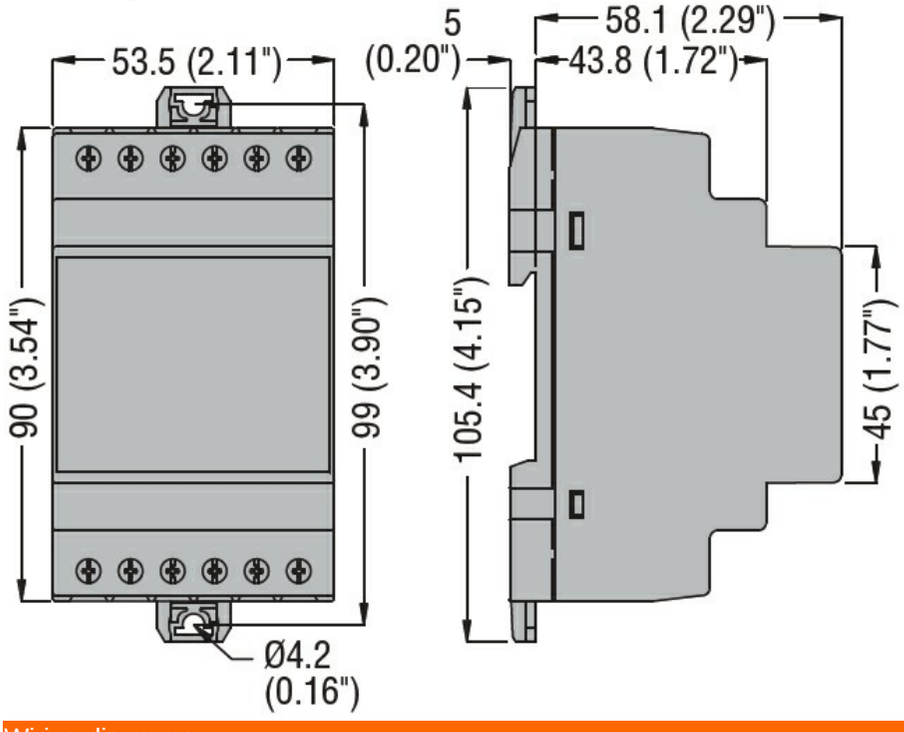
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	Frequency		±1 digit
	Active power		±1% f.s. ±1 digit
Insulations			
Rated insulation voltage Ui IEC/EN		V	600
Mechanical features			
Housing type			Polyamide
Terminals type			Fixed
Conductor cross section			
	min	mm²	0.2
	Max	mm²	4
	min	AWG	24
	Max	AWG	12
Tightening torque (Max)			
		Nm	0.5
		lbin	4.5
Fixing			Din rail
Weight		g	280
Ambient conditions			
Temperature			
Operating temperature			
	min	°C	-20
	max	°C	+60
Storage temperature			
	min	°C	-30
	max	°C	+80
Protection degree			IP40

Dimensions



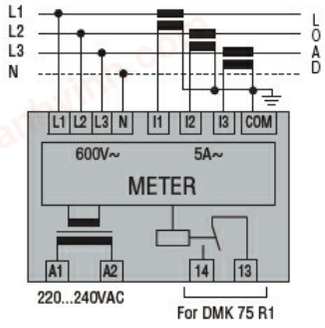
Wiring diagrams

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Certifications and compliance

Compliance

	IEC/EN 61000-6-2
	IEC/EN 61000-6-3
	IEC/EN 61010-1

Certificates

	EAC

ETIM classification

ETIM 8.0	EC002306 - Voltmeter for installation

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