

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 **electric** PHASE TO PHASE VOLTAGE VALUES, 3 MAXIMUM PHASE CURRENT VALUES, 4MAX ACTIVE

DOM/ED DUACE AND TOTAL 2 MINIMUM DUACE VOLTAGE VALUES 2 MINIMUM DUACE TO

Lovato		
DBH 75-82		
11 12	13 V A	KW
TRP		ЯQ

		999999	
Product type designation			Metering instruments - Voltmeter. ammeter and wattmeter DMK75R1
DIN rail module number			3
Auxiliary supply Us		\/A-O	000 040
Auxiliary rated supply voltage AC		VAC	220240
Operational frequency	min max	Hz Hz	50 60
Power consumption	Max	VA	3.6
Power dissipation Max	IVIAX	W	1.8
Measuring voltage inputs		VV	1.0
Rated voltage (Ue)			
Nation Voltage (Oc)	phase-phase	VAC	600
	phase-neutral	VAC	347
Operating voltage range	priase ricatiai	77.0	047
Sporaling voltage range	phase-phase	VAC	35660
	phase-neutral	VAC	20382
Voltage inputs operational frequency	p.1.0.00 1.10 0.11 0.1		
rollago iliputo oporational moquonoy	min	Hz	45
	max	Hz	66
Voltage inputs measurement method	· · · ·		True RMS
Current inputs			
Rated current (le)		Α	5
Measurement range			0.055.75
Current inputs operational frequency			
	min	Hz	45
	max	Hz	66
Туре			Shunts connected by external low voltage CT 5A max
Measurement method			TRMS
Overload capacity			+20% le
Accuracy			
	VLN voltage		±0.25% f.s. ±1 digit ±0.25% f.s. ±1
	VLL voltage		digit
	Current		±0.5% f.s. ±1 digit

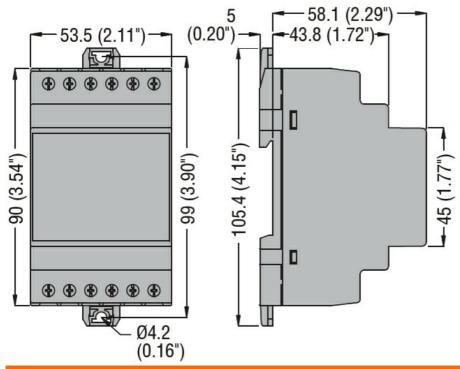
## DMK75R1

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 **electric** PHASE TO PHASE VOLTAGE VALUES, 3 MAXIMUM PHASE CURRENT VALUES, 4MAX ACTIVE

DOMED DUAGE AND TOTAL 2 MINIMUM DUAGE VOLTAGE VALUES 2 MINIMUM DUAGE TO Frequency ±1 digit

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

## **Dimensions**



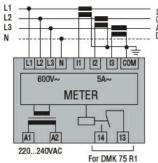
Wiring diagrams

## DMK75R1

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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

AND AUTOMATION - DOWNED DUAGE AND TOTAL 2 MINIMALINA DUAGE VOLTAGE VALUES 2 MINIMALINA DUAGE TO



# 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