

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, 4 MAX 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				
Measurement conditions (T +23°C ±1°C / Rel. Humidity 45 ±15% R.H.)				
	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				Polyamide
Terminals type				Fixed



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Conductor cross section

min	mm ²	0.2
Max	mm ²	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

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