

FLUSH-MOUNT LED MULTIMETER, THREE PHASE, NON EXPANDABLE, 3 PHASE VOLTAGE VALUES, 3 PHASE TO PHASE VOLTAGE VALUES, 3 PHASE CURRENT VALUES, 4 ACTIVE POWER VALUES, PHASE AND TOTAL, 4 REACTIVE POWER VALUES, PHASE AND TOTAL, 4 APPARENT POWER VALUES, PHASE AND TOTAL, 3 PHASE POWER FACTOR VALUES, 1 FREQUENCY VALUE, 1 ACTIVE ENERGY VALUE IN kWh, 1 REACTIVE ENERGY VALUE IN

Product designation				Digital metering instruments
Product type designation				DMK16R1
Auxiliary supply Us				
Auxiliary rated supply voltage AC	VAC			220...240
Operational frequency		min	Hz	50
		max	Hz	60
Power consumption		Max	VA	3.9
Power dissipation Max			W	2.1
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				Thermoplastic
Terminals type				Removable
Conductor cross section		min	mm ²	0.2
		Max	mm ²	2.5



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min	AWG	24
Max	AWG	12

Tightening torque (Max)

Nm	0.8
lbin	7

Fixing

Flush-mounting

Weight

g 353

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

- cULus
- EAC

ETIM classification

ETIM 8.0

EC002301 - Multifunction measuring instrument