

Product designation			Digital metering
•			instruments
Product type designation Auxiliary supply Us			DMK16R1
Auxiliary rated supply voltage AC		VAC	220240
Operational frequency		VAC	220240
	min	Hz	50
	max	Hz	60
Power consumption	max	112	00
	Max	VA	3.9
Power dissipation Max	THEO Y	W	2.1
Measuring voltage inputs			
Rated voltage (Ue)			
5 ()	phase-phase	VAC	600
	phase-neutral	VAC	347
Operating voltage range	•		
	phase-phase	VAC	35660
	phase-neutral	VAC	20382
Voltage inputs operational frequency			
	min	Hz	45
	max	Hz	66
Voltage inputs measurement method			True RMS
Current inputs			
Rated current (le)		А	5
Rated current (le) Measurement range		А	5 0.055.75
Rated current (le)			0.055.75
Rated current (le) Measurement range	min	Hz	0.055.75 45
Rated current (le) Measurement range	min max		0.055.75 45 66
Rated current (le) Measurement range		Hz	0.055.75 45 66 Shunts
Rated current (le) Measurement range Current inputs operational frequency		Hz	0.055.75 45 66 Shunts connected by
Rated current (le) Measurement range		Hz	0.055.75 45 66 Shunts connected by external low
Rated current (le) Measurement range Current inputs operational frequency		Hz	0.055.75 45 66 Shunts connected by external low voltage CT 5A
Rated current (le) Measurement range Current inputs operational frequency Type		Hz	0.055.75 45 66 Shunts connected by external low voltage CT 5A max
Rated current (le) Measurement range Current inputs operational frequency		Hz	0.055.75 45 66 Shunts connected by external low voltage CT 5A
Rated current (le) Measurement range Current inputs operational frequency Type Measurement method		Hz	0.055.75 45 66 Shunts connected by external low voltage CT 5A max TRMS
Rated current (le) Measurement range Current inputs operational frequency Type Measurement method Overload capacity		Hz	0.055.75 45 66 Shunts connected by external low voltage CT 5A max TRMS +20% le ±0.25% f.s. ±1
Rated current (le) Measurement range Current inputs operational frequency Type Measurement method Overload capacity	max	Hz	0.055.75 45 66 Shunts connected by external low voltage CT 5A max TRMS +20% le
Rated current (le) Measurement range Current inputs operational frequency Type Measurement method Overload capacity	VLN voltage	Hz	0.055.75 45 66 Shunts connected by external low voltage CT 5A max TRMS +20% le ±0.25% f.s. ±1 digit ±0.25% f.s. ±1
Rated current (le) Measurement range Current inputs operational frequency Type Measurement method Overload capacity	VLN voltage VLL voltage	Hz	0.055.75 45 66 Shunts connected by external low voltage CT 5A max TRMS +20% Ie ±0.25% f.s. ±1 digit ±0.25% f.s. ±1 digit ±0.5% f.s. ±1 digit ±1 digit
Rated current (le) Measurement range Current inputs operational frequency Type Measurement method Overload capacity	Max VLN voltage VLL voltage Current Frequency	Hz	0.055.75 45 66 Shunts connected by external low voltage CT 5A max TRMS +20% le ±0.25% f.s. ±1 digit ±0.25% f.s. ±1 digit ±0.5% f.s. ±1 digit

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Mechanical features Housing type

Thermoplastic

			Thermoplastic
Terminals type			Removable
Conductor cross section			
	min	mm²	0.2
	Max	mm²	2.5
	min	AWG	24
	Max	AWG	12
Tightening torque (Max)	IVICA	AWO	12
rightening torque (max)		Nim	0.0
		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	°Č	+80
Protection degree	тах	0	IP54
Dimensions			IF 34
24 9 (0.35")		— 92 (3.6	
			-45 (1.77")
Wiring diagrams \downarrow_{1}^{1} \downarrow_{2}^{1} \downarrow_{3}^{1} $\downarrow_{13}^{1.4[1.5]1.6]}$ \downarrow_{21}^{1} $\downarrow_{22}^{2.3]2.4}$ $\downarrow_{13}^{1.4[1.5]1.6]}$ $\downarrow_{21}^{2.2}$ $\downarrow_{23}^{2.3}$ $\downarrow_{220240VAC}^{2}$ For DMK 16 R1			
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			

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ETIM 8.0

EC002301 -Multifunction measuring instrument