

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				DMK16
<b>Auxiliary supply Us</b>				
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	
<b>Measuring voltage inputs</b>				
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
<b>Current inputs</b>				
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			
<b>Accuracy</b>				
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		
	active energy	Class 2 (IEC/EN 62053-21 and IEC/EN 62053-23)		
<b>Insulations</b>				
Rated insulation voltage Ui IEC/EN	V		600	
<b>Mechanical features</b>				
Housing type				Thermoplastic
Terminals type				Removable

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

Conductor cross section

min	mm <sup>2</sup>	0.2
Max	mm <sup>2</sup>	2.5
min	AWG	24
Max	AWG	12

Tightening torque (Max)

Nm	0.8
lbin	7

Fixing

Flush-mounting

Weight

g 350

### 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