

Digital Meter

DM-0301

Digital Multimeter, 72mm
with True RMS measurement

FEATURES

- True RMS measurements
- AC RMS voltage, AC RMS current, frequency, active power and power factor in single-phase systems
- Adjustable current transformer ratio
- Separate inputs for supply and measurement
- 72mm x 72mm or 96mm x 48mm panel size
- 120/208V,AC or 230/480V,AC power
- Reduced panel depth
- Wide operating temperature range
- Sealed front panel (IP54)
- Plug-in connection system



MEASUREMENTS

- AC RMS Voltage
- AC RMS Current
- Frequency
- Active Power

DESCRIPTION

These state-of-the-art panel meters are designed for accurate measurement of the AC RMS voltage, AC RMS current, frequency, active power and power factor in single-phase systems.

Although they are mainly used in electrical panels, these devices can also be integrated in many other applications.

The current transformer ratio can be set between 5/5A and 5000/5A via front panel buttons.

Devices have separate inputs for supply and measurement.

The unit allows both manual selection of the display channel and automatic scrolling.

The DM-0301 is part of a multi-dimensional family of digital panel meters designed for single-phase and 3-phase systems. These include Mains measurement analyzers, power meters, AC ammeters, voltmeters and frequency meters, as well as a combination voltmeter/frequency meter.



For more information on this product, please contact:
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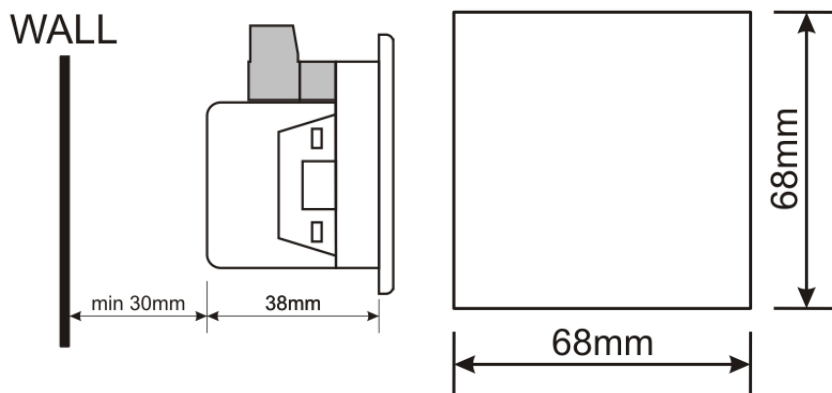
TECHNICAL SPECIFICATIONS

Power Supply Input	170 - 275V,AC 50 - 60Hz nominal ($\pm 10\%$) Different supply voltages available	Operating Temperature	-40°F to 176°F (-40°C to +80°C)
Measurement Input Range		Maximum Humidity	95% non-condensing
Voltage:	10 - 300V,AC (L-N)	Degree of Protection	IP 54 - front panel IP 30 - back panel
Current:	0.2 - 5.5A,AC	Enclosure	Non-flammable, ROHS compliant
Frequency:	30 - 100 Hz	Installation	Flush mounting with rear brackets
Accuracy		Dimensions	72mm: 78x78x41mm (3.07" W x 3.07" H) 96x48mm: 96x48mm (3.78" W x 1.89" H) 72mm: 68x68mm (2.67" W x 2.67" H)
Volts-Amps-Hz:	0.5% + 1 digit	Panel Cutout	
kW:	1.0% + 2 digit	Weight	0.77 lbs.
cos:	2.0% + 2 digit	Applied Standards	
Power Consumption	<1.5W	General:	LVD: 2006/95/EC EMC: 2004/108/EC
Voltage Burden	<0.1VA per phase	Safety:	Safety: EN61010 EMC: EN61326
Current Burden	<1VA per phase		

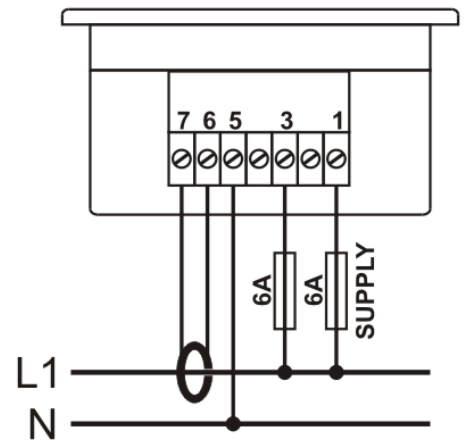
ORDERING INFORMATION

Part Number	Description	Input / Aux Supply
DM-0101-1-1	1 display, 96 x 48mm	120V,AC
DM-0101-1-2	1 display, 96 x 48mm	240V,AC
DM-0101-2-1	1 display, 72 x 72mm	120V,AC
DM-0101-2-2	1 display, 72 x 72mm	240V,AC
DM-0301-2-1	3 display, 72 x 72mm	120V,AC
DM-0301-2-2	3 display, 72 x 72mm	240V,AC

MOUNTING TOLERANCES AND PANEL CUTOUT



TYPICAL CONNECTIONS



www.pc-s.com

For more information and certifications, please contact:

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