

Digital Meter

DVF-0103

AC Voltmeter / Hz Meter Combination,
3-Phase with True RMS Measurement



FEATURES

- True RMS measurement
- 0.5% accuracy class
- Automatic and manual display scroll
- Operating temperature range from -40°F to +176°F
- Plug-in connection system
- Sealed front panel (IP54)
- Non-flammable enclosure
- Flush mount with brackets
- Reduced panel depth
- Bright, easy-to-read LED display
- Standard DIN sizes: 96 x 48mm and 72mm
- 120V,AC and 240V,AC inputs
- Part of a multi-family series of meters

DESCRIPTION

These combination state-of-the-art panel meters are designed for accurate measurement of AC RMS voltages and frequencies in 3-phase systems.

Two DIN sizes -- 96 x 48mm and 72 x 72mm -- allows these units to integrate perfectly into an unlimited variety of applications.

Devices have separate inputs for supply and measurement with common neutral point. Front panel buttons are used to select and read line-to-line (L1-L2, L2-L3, L3-L1) and line-to-neutral (L1-N, L2-N, L3-N) voltages and frequencies.

Automatic parameter scroll is also available.



For more information or the latest certifications, please contact:
PC&S, Inc. at +1 (800) 523-9194 or +1 (973) 448-9400
www.pc-s.com

DVF-0103 True RMS Digital Volt/Hz meter Combo

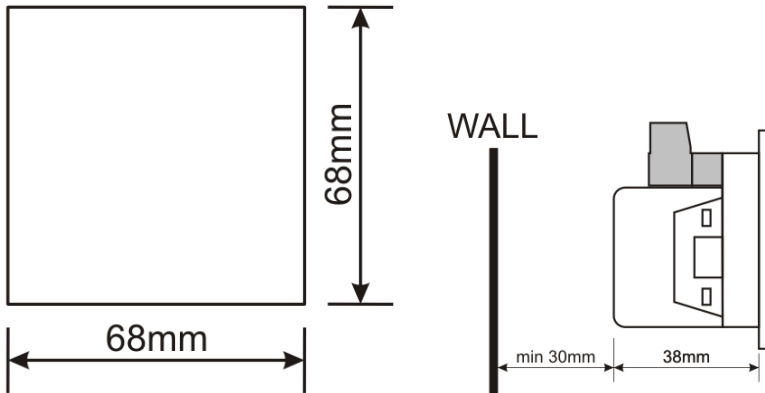
TECHNICAL SPECIFICATIONS

Power Supply Input	170 - 275V,AC 50 - 60Hz nominal ($\pm 10\%$)	Enclosure	Non-flammable, ROHS compliant, high temperature ABS/PC (UL94-V0)
Measurement Input Range	10 - 300V,AC (L-N) 20 - 520V,AC (L-L)	Installation Dimensions	Flush mounting with rear brackets 96 x 48mm: 3.78" W x 1.89" H 72mm: 2.67" W x 2.67" H 0.28 lbs. (96 x 48mm); 0.36 lbs. (72mm)
Accuracy	0.5% + 1 digit	Weight	
Power Consumption	<1.5W	Applied Standards	
Burden	<1VA per phase	General:	LVD: 2006/95/EC EMC: 2004/108/EC
Operating Temperature	-40°F to +176°F (-40°C to +80°C)	Safety:	Safety: EN61010 EMC: EN61326
Maximum Humidity	95% non-condensing		
Degree of Protection	IP 54 - front panel IP 30 - back panel		

ORDERING INFORMATION

Part Number	Description	Input / Aux Supply
DVF-0103-1-1	3-phase, 1 display & LEDs, 96 x 48mm	120V,AC
DVF-0103-1-2	3-phase, 1 display & LEDs, 96 x 48mm	240V,AC
DVF-0103-2-1	3-phase, 1 display & LEDs, 72 x 72mm	120V,AC
DVF-0103-2-2	3-phase, 1 display & LEDs, 72 x 72mm	240V,AC
DVF-0303-2-1	3-phase, 3 displays, 72 x 72mm	120V,AC
DVF-0303-2-2	3-phase, 3 displays, 72 x 72mm	240V,AC

MOUNTING TOLERANCES AND PANEL CUTOUT



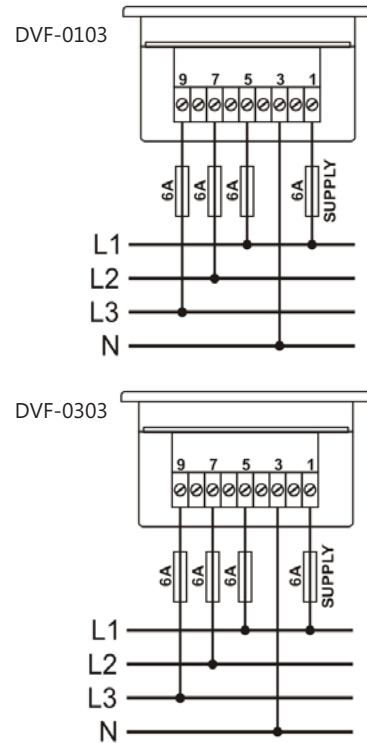
Panel Cutout Dimensions

96mm x 48mm	92mm x 44mm
72mm x 72mm	68mm x 68mm

Mounting Tolerances

	Meter Depth
96mm x 48mm	38mm
72mm x 72mm	38mm

TYPICAL CONNECTIONS



www.pc-s.com

For more information and certifications, please contact:

Panel Components & Systems, Inc. ■ Phone: (800) 523-9194 ■ info@pc-s.com

Main Office:	Stanhope, NJ	Phone: (973) 448-9400
South East:	Charlotte, NC	Phone: (704) 535-3357
South Central:	Tulsa, OK	Phone: (862) 258-6974
Canada:	Edmonton, AB	Phone: (877) 962-0557