



DD-40VHz

Dual AC Volt/Frequency
Dual 4 Digit with 0.56" LEDs
in a 1/8 DIN Case



Measuring DC signals as low as 50mV full scale, this meter is ideal for use with low voltage drop current shunts or other precision low DC measurements.

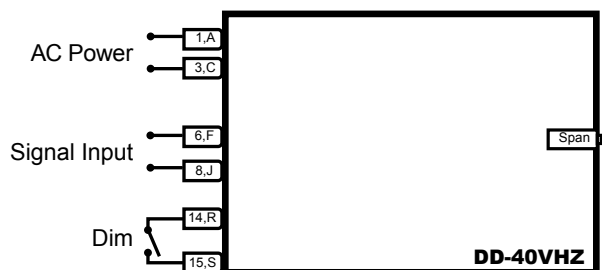
General Features

The DD-40VHz is a compact, dual 4.0 digit red LED display of AC volts and frequency. The combination of ACV and Hz makes the DD-40VHz ideal for generator set and other stand-by power applications. Both the voltmeter and the frequency meter will display to 0.1 resolution.

Each DD-40VHz has a two-position display intensity selection. There are over 30 different factory-set intensity combinations. With this display dimmer feature, the DD-40VHz can easily be seen in direct sunlight. Then the low intensity setting can be selected for night operation.

The DD-40VHz is housed in a short-depth 2.2" (111 mm) deep, 96X48 mm 1/16 DIN horizontal case. This compact case style allows for maximum visibility while demanding a very small panel space. The DD-40VHz uses a high-efficiency AC/DC switching power supply that allows operation from any AC voltage (85 to 265 VAC) or DC voltage (90 to 380 VDC).

Typical Application Connections



Compatibility

The DD-Series have a matching DIN case style that is complementary to the Lynx, Leopard and Tiger family of meters. DD-Meters are the OEM's choice for economical switchboard and process indication. For economy, each model is dedicated to a specific application and designed for quick and easy installation.



Specifications

Input Configuration:Single-ended input

A/D Converter:14 Bit Single Slope

Accuracy:± (0.2% of reading + 1 digit)

Temperature Coefficient:...5 ppm/°C in ratiometric mode

Warm up time:1 Minute

Conversion Rate:3 conversions per second

Display:0.3" (7 mm) high red LEDs.
Dual 4.0 digit displays

Decimal Selection:Preselected to XXX.X for volts and frequency

Over-range Indication: "----"

Power Supply:85 to 265 VAC / 90 to 380 VDC
switching power supply. 2 watts.

Operating Temperature: ...0 °C to 60 °C

Storage Temperature:-20°C to +70°C

Relative Humidity:95% (non-condensing)

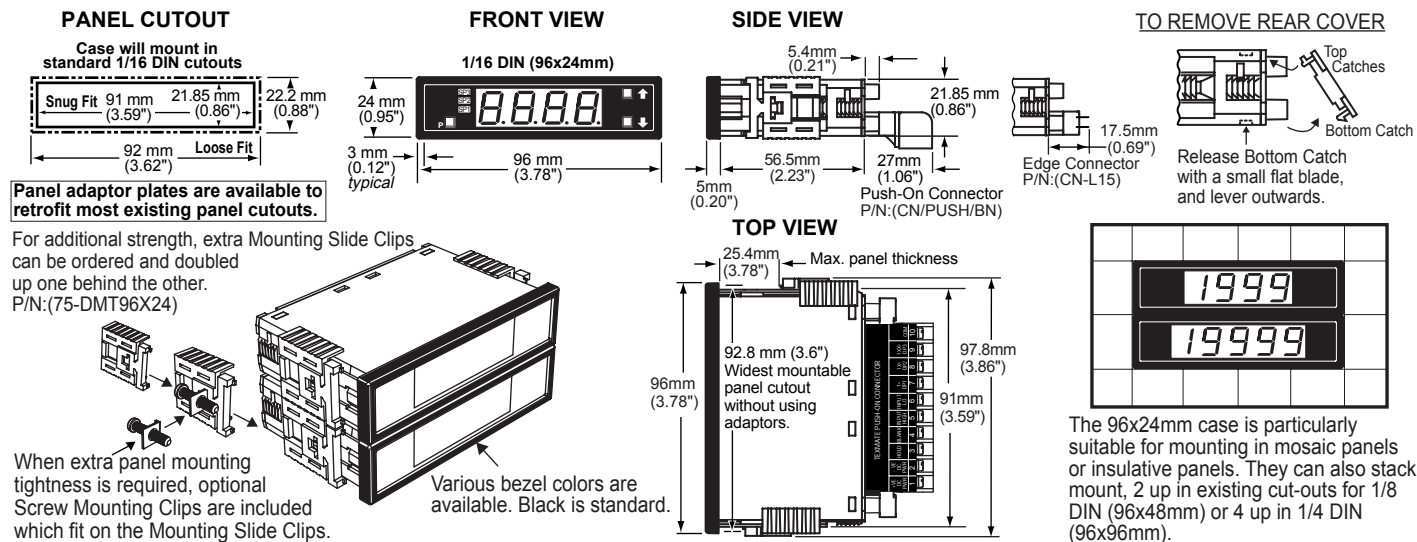
Case Dimensions:Bezel: 96X24 mm (3.62" X 0.95")
Depth behind bezel: 56.5 mm (2.23")
Plus 27 mm (1.06") for Push-On connector
or plus 17.5 mm (0.68") for Edge connector

Weight:85 gms (3 oz)
170 gms (6 oz) when packed

DD-Series, the OEMs choice for switchboard and process indication

DD-40VHzDual Display of AC Volts (30.0 to 350.0V AC) and frequency (20.0 to 450.0 Hz)

Case Dimensions and Panel Cutouts



Ordering Information

Standard Options for this Model Number

Part Number	Description
► BASIC MODEL NUMBER Includes plug in type screw terminals, standard display and standard power supply unless optional versions are ordered.	
DD-40VHz4.0 digit, dual V/Hz display, 30-350 VAC/20-450 Hz input

Special Options and Accessories

Part Number	Description
► ACCESSORIES	
DN.CAS96X2496x24mm Complete Short Depth Case w/Bezel
75-DBBZ96X24Black Bezel for 96x24mm Case
75-DMTC96X24Mounting Slide Clips, extra set (96x24mm case size)
CN-L15Dual Row 15 Pin Edge Connector
CN-PUSH/DDPush-on Screw Terminal Block Connector

Prices subject to change without notice.

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Texmate warrants that its products are free from defects in material and workmanship under normal use and service for a period of one year from date of shipment. Texmate's obligations under this warranty are limited to replacement or repair, at its option, at its factory, of any of the products which shall, within the applicable period after shipment, be returned to Texmate's facility, transportation charges pre-paid, and which are, after examination, disclosed to the satisfaction of Texmate to be thus defective. The warranty shall not apply to any equipment which shall have been repaired or altered, except by Texmate, or which shall have been subjected to misuse, negligence, or accident. In no case shall Texmate's liability exceed the original purchase price. The aforementioned provisions do not extend the original warranty period of any product which has been either repaired or replaced by Texmate.

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