



# DD-40VHZ

## Dual AC Volt/Frequency Dual 4 Digit with 0.3" LEDs in a 1/16 DIN Case

Measuring AC Volts and Frequency, this Dual-Display meter is housed in a low-profile DIN 96 x24 mm short depth case

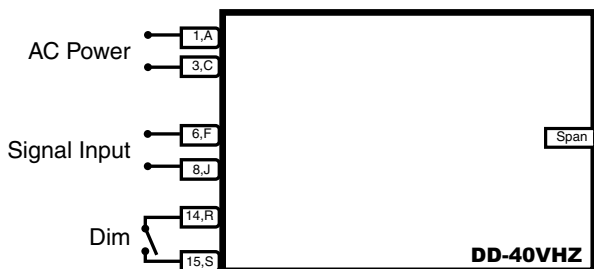
### General Features

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. 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-40VHZ.....Dual Display of AC Volts (30.0 to 350.0V AC) and frequency (20.0 to 450.0 Hz)