



DU-96(V + A)



DU-96(A + Hz)



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Specifications

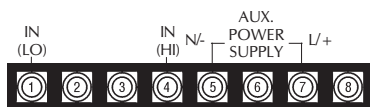
- **Measuring Method** Dual Slope A/D Conversion (V, A)
Interval Measurement Method using Microcontroller (Hz)
- **Display Type** Red LED Super Bright Display
- **Maximum Display** 1999 Counts (V, A)
9999 Counts (Hz)
- **Resolution** 0.001 to 1 Count depending on range (V, A)
0.01 to 0.1 Count depending on range (Hz)
- **Maximum Overload** Voltage : 1.2 times continuous
Current : 2 times continuous
- **Frequency Response** 40 - 400Hz
- **Faceplate / Lens** Red Antiglare Faceplate with Annunciators
- **Mounting Clamps** Sturdy, Moulded ABS with suitable Hardware
- **VA Burden (Typical) Per Display** Auxiliary : < 5VA
Voltage Input : < 0.1VA
Current Input : < 0.5VA, < 0.2VA in 20A
- **Environmental Conditions** 0 to 50°C, < 70% RH (Operation)
-10 to 70°C, < 70% RH (Storage)
27°C ± 5°C (Calibration)
- **Dielectric Strength** 2.5 kV at 50Hz for 1 min. between Input - Auxiliary - Case - Terminals
- **Case / Housing Material** DIN Black ABS, Dimension as per DIN 43700
- **Connectors** Terminal Block : Thermoplastic (UL 94V-0) with Tin Plated Brass Terminals
- **Display Stability** Within ± 2 Digits

Model	Input AC	Range	Auxiliary Power Supply (any one only)			Accuracy Class		Digits (max.)	Display Digit Height
			110 / 230V AC	SMPS-LV 19-90V AC/DC	SMPS-HV 85-265V AC/DC	0.5	1		
DU-96 (V + A) DU-96 (V + Hz) DU-96 (A + Hz)	V	0 - 2, 20, 200, 750V	✓	✓	✓	✓	-	✓	✓
	A	0 - 2, 5A	✓	✓	✓	✓	-	✓	✓
	A	0 - 20A	✓	✓	✓	-	✓	✓	✓
	Re-Scaleable	0 - 1A or 0 - 5A (any one) to display 100 to 1600 in 64 steps.	✓	✓	✓	-	✓	✓	✓
	Input	20 - 500V AC	Auxiliary Power Supply (any one only)		Accuracy Class		Digits (max.)	Display Digit Height	
			110 / 230V AC	Self Powered	±0.05 Hz	± 0.5 Hz			
	40 - 99.99Hz	20 - 500V AC	✓	✓	✓	-	✓	✓	
	40 - 999.9Hz		✓	✓	-	✓	✓	✓	

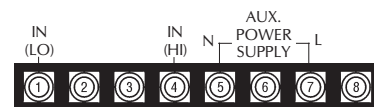
Dimensions (mm)	
Model	DU-96
Front	96 x 96
Depth (Behind Bezel)	90
Panel Cut-Out	92 ^(+0.8, -0.0) x 92 ^(+0.8, -0.0)

Ordering Information (Voltmeter / Ammeter) : Model, Input Range, CTR / PTR (if any), Scale Display, Auxillary Supply, Accuracy Class & Display Digit Height. (Frequency Meter) : Model, Input Frequency Range, Input Voltage, Auxillary Supply, Accuracy Class & Display Digit Height

Terminal Connection



Voltmeter / Ammeter Input



Frequency Meter Input