



EDVM-96



EDVM-72



EDVM-48

FEATURES

- TRMS Measurement Using Micro controller
- High Accuracy Across the Entire Range
- User Programmable Display (PTR)
- 9999 Count (Max.) High Resolution Display
- Auto Selection of Decimal Point

Micro
Controller
Based



SPECIFICATIONS

Display	4 Digit Red LED Super Bright Display
Digit Height	0.56"/14.2 mm
Maximum Display	9999 (Max.) Counts
Resolution	0.001 to 1 Count Depending on Range / Scale Display
Display Stability	Within ± 1 Digit
Faceplate / Lens	Polycarbonate Transparent Red
Case / Housing Material	Polycarbonate, Black
Connectors / Terminal	Nylon 66, 33% GF, Black / Brass
Mounting Clamps	Sturdy, Moulded Delrin
Decimal Point	Auto Selection
Over Range Indication	"Or"
Under Range Indication	NA
Dielectric Strength	2.5 KV @ 50Hz for 1 minute between Input - Auxiliary & Case - Terminals
Impulse Withstand	3.5 KV, 1.2 / 50 micro Second

SPECIFICATIONS

Sampling Rate	3 Samples / Second
Maximum Overload	Voltage: 1.2 Times Continuous
Frequency Response	40 - 400 Hz
Auxiliary Supply	85 - 265V AC / DC
Input Voltage	0 - 750V AC (Direct) Any One 0 - 110V AC (PT Operated)
Accuracy	$\pm 0.5\%$ of FSD
VA (Burden)	
Auxiliary	≤ 1.5 VA
Voltage Input	≤ 1.0 VA
Environment	
Calibration	$27^{\circ}\text{C} \pm 5^{\circ}\text{C}$
Operating	0 to $+55^{\circ}\text{C}$, RH < 70%
Storage	-10 to $+70^{\circ}\text{C}$, RH < 70%

► User Programmable PTR Display Value (Using Key) for PT Operated Meter

Sr. No.	Ratio	PTR (KV AC)
1	1	0.110
2	3.77	0.415
3	4	0.440
4	20	2.200

Sr. No.	Ratio	PTR (KV AC)
5	30	3.300
6	60	6.600
7	100	11.00
8	200	22.00

Sr. No.	Ratio	PTR (KV AC)
9	300	33.00
10	600	66.00
11	1000	110.0
12	1200	132.0

Sr. No.	Ratio	PTR (KV AC)
13	2000	220.0
14	4000	440.0
-	-	-
-	-	-

Dimensions (mm)

Model	EDVM-72	EDVM-48	EDVM-96
Front	72 x 72	48 x 96	96 x 96
Depth (Behind Bezel)	43	58	39.5
Panel Cut - Out	$68^{(+0.5,-0.0)} \times 68^{(+0.5,-0.0)}$	$44^{(+0.5,-0.0)} \times 92^{(+0.8,-0.0)}$	$92^{(+0.8,-0.0)} \times 92^{(+0.8,-0.0)}$

Ordering Information : Model, Input & Range

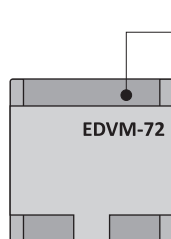
Terminal Connection

AUX 85-265V AC/DC		INPUT	
P	N	LO	HI
1	2	3	4

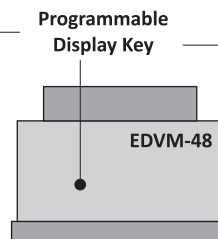
EDVM-72

INPUT		AUX 85-265V AC/DC	
HI	LO	N	P
1	2	3	4

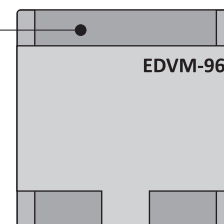
EDVM-48 / EDVM-96



Back Side of Meter



Bottom Side of Meter



Back Side of Meter