



EDAM-96



EDAM-72



EDAM-48

FEATURES

- TRMS Measurement Using Micro controller
- High Accuracy Across the Entire Range
- User Programmable Display (CT Primary)
- 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 Derlin
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	Current: 1.5 Times Continuous
Frequency Response	40 - 400 Hz
Auxiliary Supply	85 - 265V AC / DC
Input Current	0 - 5 A (Direct / CT Operated)
Accuracy	$\pm 0.5\%$ of FSD
VA (Burden)	
Auxiliary	≤ 1.5 VA
Current 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 CT Primary

CT Primary

1	25	70	150	350	700	1500	4000	8000
5	30	75	175	400	750	1600	5000	9000
10	40	80	200	450	800	2000	6000	-
15	50	100	250	500	1000	2500	7000	-
20	60	125	300	600	1200	3000	7500	-

Dimensions (mm)

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

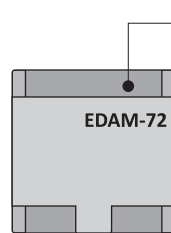
Ordering Information : Model

Terminal Connection

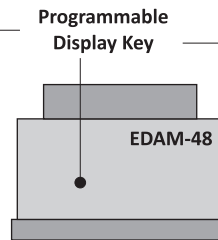
AUX 85-265V AC/DC		INPUT		INPUT		AUX 85-265V AC/DC	
P	N	LO	HI	HI	LO	N	P
1	2	3	4	1	2	3	4

EDAM-72

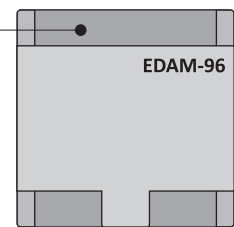
EDAM-48 / EDAM-96



Back Side of Meter



Bottom Side of Meter



Back Side of Meter