



QU << «-¶-QU <<

c£~23 °£±W

- i§~3§¢=˘°. ±2~a=a\$±@a~.:
- p\$~¥£-°-µI=Q=¢\$¥\$2
- ^~a-¥±2.ª£- ~¥°~@!-§-¢\$~2§-~:
- q°3£=o j p=«£~±3°£ <<£~2-
- `q=@°\$ <<~°. ±@°-¥°~ <<~ª£=3@~2-~RMMM^=
- c-°~N=@!~±£=O=µ\$£-£ª£;2°\$~a-;~--£;2§-~

£°2§\$§;~2§-~±W CE c UL us
ifpqba

Technical Specifications

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Display	Single row, Liquid Crystal Display
Digit	4
Digit Height	0.56" (14.2mm)
Display Range	0 – 6200A
Bargraph	Analog style bargraph indication

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Electrical Connection	1 Ø-2 wire
Input Type	AC
Input Current Range	50mA - 5A
Continuous Max. Input Rating	6.2A
Overrange Indication	"Or" for input > 6.2A
Frequency	50 / 60Hz
Resolution	0.001, 0.01, 0.1, 1A (Depending upon CT Primary Setting)
Accuracy	±0.5% of CT Primary Setting
Burden	0.5 VA at 5 A
Sampling Rate	3 samples / second
Dielectric withstand Voltage	2kV AC between auxiliary supply & measuring input
Rated Impulse withstand Voltage	2kV (1.2/50µS)

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Auxiliary Supply	240V AC ±20%, (50 / 60Hz) 110V AC ±20%, (60Hz)
Power Consumption	12VA max

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CT Primary Settings	5, 10, 15, 20, 25, 30, 40, 50, 60, 75, 80, 100, 125, 150, 175, 200, 250, 300, 400, 500, 600, 630, 750, 800, 1000, 1200, 1500, 1600, 2000, 2250, 2500, 3000, 3200, 4000, 5000.
CT Secondary Settings	5A Fixed

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Temperature	Operating: -10 to +55°C (14 to 131°F) Storage: -20 to +75°C (-4 to 167°F)
Humidity (non-condensing)	Upto 95% RH

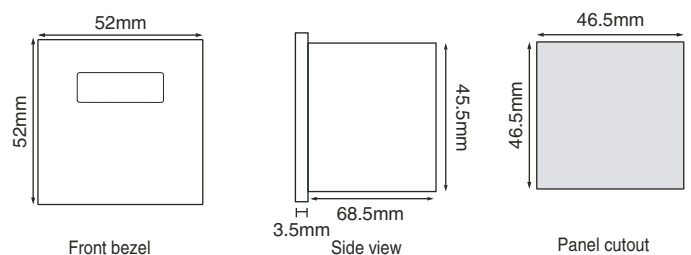
j £;~2§;~a~p@£;§\$;~2§-~±

Mounting	Panel mount
Weight	113 gms

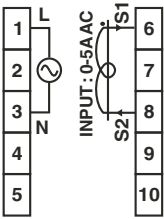
b j `

Electromagnetic compatibility	IEC 61326-1
ESD Immunity: IEC 61000-4-2	Level III
Surge Immunity: IEC 61000-4-5	+/- 2 kV common mode, +/- 1 kV differential mode
Radiated Susceptibility: IEC 61000-4-3	Level III, 80 to 1000MHz Level II, 1GHz to 2GHz Level I, 2GHz to 2.7GHz
Conducted Susceptibility: IEC 61000-4-6	Level II
Voltage Dips and Interruption: IEC 61000-4-11	Dips: 0% residual voltage/1 cycle (Crit B.), 40% residual voltage/10 cycles 50 Hz / 12 cycles 60 Hz (Crit C) 70% residual voltage / 25 cycles 50 Hz / 30 cycles 60 Hz (Crit C) Interruptions: 0% residual voltage / 250 cycles 50 Hz / 300 cycles 60 Hz (Crit C)
Conducted Emissions	CISPR-11 & IEC 61000-6-3
Radiated Emissions	CISPR-11
Electrical Fast Transient: IEC 61000-4-4	Level 3.

Dimensions



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INPUT: 0-5A AC

 UL Recognized Component for Listing

Temperature rise at 20 to 140°C: 6.018 to 6.992

 IEC Recognized Component for Listing

Temperature rise at 0.5 to 2.5°C: 0.68 to 0.79

Ordering Information

m~°%k-K	`q-q·@£	p³@@ª.:s-a2~¥£		`£°2§a§ j~2§-~	
		NNMs~^`	OQMS~^`	CE	c(U)us rfpqba
MA501	■		■		
MA501-CU	■		■	■	■
MA501-110V	■	■			
MA501-110V-CU	■	■		■	■

k-²£||=-`q-q·@£JThere is an internal CT with CT setting (5-R000A).
For current input >5A, external CT is required.