

DIGITAL AC/DC WATT METER RELAY

WMR-42



FEATURES

- 4 1/2 Display (19999)
- AC/DC Single Watt Meter Relay (option)
- DIN Size 96 x 48mm

Specifications

Display	4 1/2 (19999), 0.36" (9.1mm), Red LED
Accuracy	± 0.25% F.S. ± 3 digits
Max. input over capability	Amp. 3 x rated continuous 10 x rated for 10sec. 50 x rated for 1sec. Volt. 750V continuous.
Conversion rate (about)	1/sec.
Input burden	Volt. input ≤0.2VA/Phase Amp. input ≤0.2VA/Phase
Over Input Indication:	"0000" flash
Frequency range	45~400Hz for AC range
Operating temp.	0 ~ 60°C
Storage temp.	-10 ~ 70°C
Temp. coefficient	≤ 100PPM/°C (≤ 60PPM/°C. 25°C ± 10°C)
Max. relative humidity	95%
Dielectric strength	AC 2 KV/1 min. (input / power / case)
Surge test	4 KV/1.2 x 50μs, IEC 255-4
Aux. power	AC 115V/230V ±10%, 50/60 Hz DC 24V, 48V, 110V ±20%(option)
Setting Range	19999 or ± 9999
Relay Contact Output	AC 240V/4A, DC 30V/5A
Comparative Condition	Indication > HI Setting → HI LED On HI Setting > Indication > Lo Setting → GO LED On Indication < LO Setting → LO LED On
Power consumption	AC 3.5VA, DC3W
Weight (about)	500g

Ordering Information

WMR-42 (Please Remark the rate if have PT. CT or Shunt)

NO.	INPUT TYPE	NO.	INPUT VOLTAGE	NO.	INPUT CURRENT	NO.	INPUT FREQUENCY	NO.	DISPLAY	NO.	AUX. POWER
1	AC	1	0~150V	1	0~1A	1	50Hz	1	0~199.99W	1	AC 115/230V
2	DC	2	0~300V	2	0~5A	2	60Hz	2	0~1999.9W	A	DC 24V
Y	AC/DC	3	0~600V	Y	<input type="checkbox"/> /5A CT	3	400Hz	3	0~19.999KW	B	DC 48V
		Y	<input type="checkbox"/> /110V PT	Y	<input type="checkbox"/> /50mV SHUNT	Y	OPTION	4	0~199.99KW	C	DC 110V
		Y	OPTION	Y	OPTION			5	0~1999.9KW	Y	OPTION
								Y	OPTION		