

DIGITAL PANEL POWER METERS

KWM / VARM / PFM



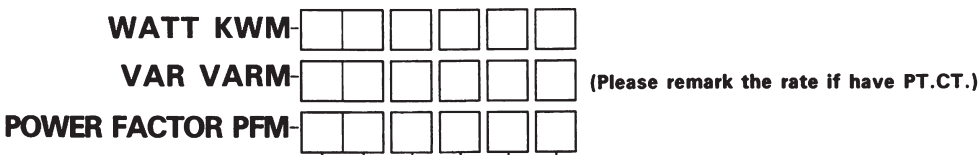
FEATURES

- 4 1/2 Display (19999)
- 1 ϕ 2W, 3 ϕ 3W, 3 ϕ 4W Power Meter
- Watt Meter, Var Meter, Power Factor Meter
- DIN Size 96 x 48mm

Specifications

Display	4 1/2 (19999) 0.56" (14.2mm), Red LED
Accuracy	Watt $\pm 0.25\%$ F.S. ± 3 digits VAR $\pm 0.4\%$ F.S. ± 3 digits COS ϕ $\pm 1\%$ F.S. ± 1 digit
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 $\leq 0.2VA/Phase$ Amp. input $\leq 0.2VA/Phase$
Over Input Indication:	"0000" flash
Frequency range	45~400Hz for AC range
Operating temp.	0 ~ 60°C
Storage temp.	-10 ~ 70°C
Temp. coefficient	$\leq 100PPM/^{\circ}C$ ($\leq 60PPM/^{\circ}C$. 25°C $\pm 10^{\circ}C$)
Max. relative humidity	95%
Dielectric strength	AC 2 KV/1 min. (input / power / case)
Surge test	4 KV/1.2 x 50 μ s, IEC 255-4
Aux. power	AC 115V/230V $\pm 10\%$, 50/60 Hz DC 24V, 48V, 110V $\pm 20\%$ (option)
Power consumption	AC 3.5VA, DC3W
Weight (about)	470g

Ordering Information



NO.	CIRCUIT	NO.	INPUT V.A	NO.	FREQUENCY	NO.	DISPLAY	NO.	DISPLAY	NO.	DISPLAY	NO.	AUX. POWER
12	1 ϕ 2W	1	AC 120V, 5A	1	50Hz	1	0~1999.9W	1	0~ \pm 1999.9VAR	1	-0.50~ \pm 1.00~0.50	1	AC 115/230V
33	3 ϕ 3W	2	AC 240V, 5A	2	60Hz	2	0~19.999KW	2	0~ \pm 19.999KVAR	Y	OPTION	A	DC 24V
34	3 ϕ 4W	3	AC 208/120V, 5A	3	400Hz	3	0~199.99KW	3	0~ \pm 199.99KVAR			B	DC 48V
Y	OPTION	4	AC 416/240V, 5A	Y	OPTION	4	0~1999.9KW	4	0~ \pm 1999.9KVAR			C	DC 110V
		Y	OPTION			5	0~19999KW	5	0~ \pm 19999KVAR			Y	OPTION
						Y	OPTION	Y	OPTION				

