

DIGITAL WATT METER (PROGRAMMABLE)

MODEL
J-596WS

FEATURES

- 4 digits display: 9999
- Accuracy $\pm 0.25\%$
- Programmable process rate monitor
- Precision measurement even for unbalance system
- Easy-to-wire, screw-type terminals
- Outside dimension is DIN standard (96 × 48mm) (96x48mm, 110x110mm)

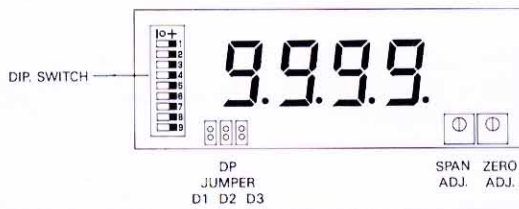


SPECIFICATION

• Input

Circuit	AC Input		Basic Watt
	Voltage	Ampere	
Single Phase	110V	5A	0.5KW
	220V		1 KW
3-Phase, 3-Wire	110V		1 KW
	220V		2 KW
3-Phase, 4-Wire	$\sqrt{3}$ 110V/110V		1.5 KW
	$\sqrt{3}$ 220V/220V		3 KW

• Display (Programmable process)



STAGE	Display (Full Scale)	P I N								
		1	2	3	4	5	6	7	8	9
1	5120	+	-	-	-	-	-	-	-	-
2	2560	-	+	-	-	-	-	-	-	-
3	1280	-	-	+	-	-	-	-	-	-
4	640	-	-	-	+	-	-	-	-	-
5	320	-	-	-	-	+	-	-	-	-
6	160	-	-	-	-	-	+	-	-	-
7	80	-	-	-	-	-	-	+	-	-
8	40	-	-	-	-	-	-	-	+	-
9	20	-	-	-	-	-	-	-	-	+

- * DIP Switch Is +, Off, - Three Mode, Don't Setting "Off"
- EXAMPLE: Input: AC 11KV/110V, 100A/5A, 3 ϕ 3W
 Full Scale: 1KW x 100 x 20 = 2000KW
 Display: 2000KW 2000-(1280)-(640)-(80) = 0
 Stage of DIP switches: - - + + - - + - -
 D. P Jumper: None

- Display 14.2mm (0.56") H, red LED
- Max. input over capability Amp. 3 × rated continuous
 10 × rated 30 seconds
 50 × rated 1 second
 Volt. 750V continuous
- Accuracy $\pm 0.25\%$ F.S. ± 3 digits, PF ≥ 0.5
 (Option: Depending on actual measurin)
- Measuring mode Transducer type
- Input burden Volt. input ≤ 0.5 VA/Phase
 Amp. input ≤ 0.1 VA/Phase
- Input frequency range 45 ~ 65HZ, 400Hz
- Effect of frequency variation $\leq \pm 0.03\%$
 Per frequency change
- Sampling time Abt. 0.8 sec typically
- Over input indication "0000" Flash
- Polarity Only "--" display
- Aux. power source AC 110V/220V $\pm 10\%$, 50/60HZ
- Power consumption \leq AC 4.5 VA
- Operating temperature range 0 ~ 60°C
- Storage temperature range - 10 ~ 70°C
- Temperature coefficient ≤ 150 PPM/°C
- Max. relative humidity 95%
- Dielectric strength (IEC 688) AC 2KV/1 minute
 Input to power teminals
 AC 3KV/1 minute
 All teminals to case
- Impulse (IEC 255-4) Common mode 1.2 × 50 μ S 4 KV
- Connection diagram See page 17, figure G.
- Dimensions See page 17, figure 02

ORDERING INFORMATION



Circuit	Input Voltage	Input Current	Input Frequency	Aux. Power Source
12: single phase, 2-wire 33: 3-phase, 3-wire 34: 3-phase, 4-wire	1: AC 110V 2: AC 220V 3: AC $\sqrt{3}$ 110V/110V 4: AC $\sqrt{3}$ 220V/220V 0: Option	A: AC 5A 0: Option	5: 50HZ 6: 60HZ 7: 400HZ 0: Option	1: AC 110V/220V 0: Option