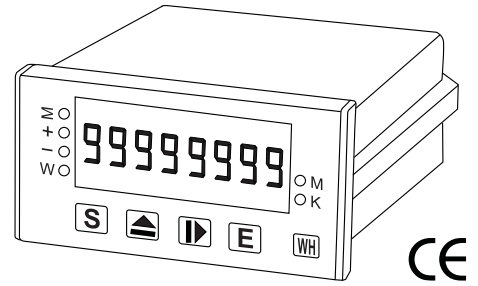




### FEATURES

- 8 digits display: 99999999
- Accuracy:  $\pm 0.3\%$
- Programmable adjustment for current, voltage transformers ratio
- Easy-to-wire. screw-type terminals
- Outside dimension is DIN standard (96x48mm)



### SPECIFICATION

#### • Input

Circuit	AC Input		Display (KWH/KVARH)
	Voltage	Ampere	
Single Phase	110V	5A	99999999 (Auto-change decimal point)
	220V		
3-Phase, 3-Wire	110V		
	220V		
3-Phase, 4-Wire	$\sqrt{3}$ 110V/110V		
	$\sqrt{3}$ 220V/220V		

- Display ..... 9.1mm (0.36") H, red LED
- WATT/VAR display ..... 4 digits (9999)
- Max. input over capability ..... Amp. 3 x rated continuous  
10 x rated 30 seconds  
50 x rated 1 second  
Volt. 750V continuous
- Accuracy .....  $\pm 0.3\%$  F.S.  $\pm 1$  digit, PF  $\geq 0.5$   
(Option: Depending on actual measuring)
- Input burden ..... Volt. input  $\leq 0.5$ VA/Phase  
Amp. Input  $\leq 0.1$ VA/Phase
- Input frequency range ..... 45 ~ 70HZ
- Aux. power source ..... AC/DC 85 ~ 265V  
DC 20 ~ 60V
- Power consumption .....  $\leq$  AC 6.5VA,  $\leq$  DC 5W
- Operating temperature range ..... 0 ~ 60°C
- Storage temperature range ..... -10 ~ 70°C
- Temperature coefficient .....  $\leq 150$ PPM/°C
- Max. relative humidity ..... 95%
- Memory time ..... 10 years
- Dielectric strength (IEC 60688) ..... AC 2KV/1 minute  
Input to power terminals  
AC 3KV/1 minute  
All terminals to case

#### • Electromagnetic compatibility

- Electrostatic discharge ..... IEC 61000-4-2
- Electromagnetic fields immunity ..... IEC 61000-4-3
- Electrical transient in burst ..... IEC 61000-4-4
- Withstanding impulse voltage ..... IEC 61000-4-5
- Immunity to voltage dips ..... IEC 61000-4-11

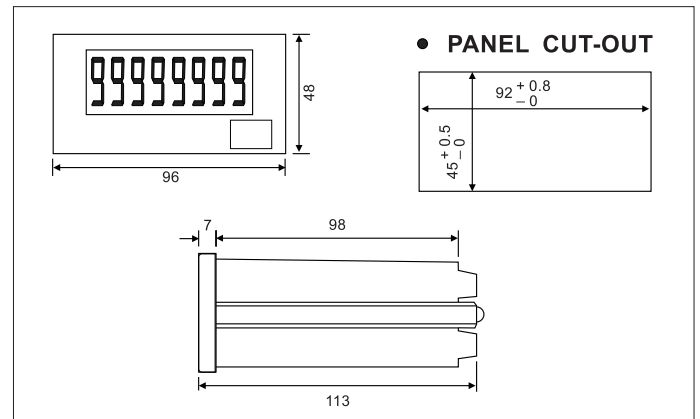
### ORDERING INFORMATION

S2-800WH

S2-800RH

Circuit	Input Voltage	Input Current	Aux. Power Source
12: 1 $\Phi$ 2W	1: AC 110V	A: AC 5A	1: AC/DC 85 ~ 265V
13: 1 $\Phi$ 3W	2: AC 220V	B: AC 1A	2: DC 20 ~ 60V
33: 3 $\Phi$ 3W	3: AC $\sqrt{3}$ 110V/110V	0: Option	0: Option
34: 3 $\Phi$ 4W	4: AC $\sqrt{3}$ 220V/220V		
	0: Option		

### OUTSIDE DIMENSION (UNIT:mm)



### CONNECTION DIAGRAMS

