

Specification

Accuracy (23±3°C)	0.07% reading / PF ± 0.03% RO		
Maximum output load	DC current mode : maximum 10V drop DC voltage mode : maximum 5mA drive Open collector type, maximum 30V / 30mA		
Output of WH & VarH	AC 2KV 1 minute / terminals; AC 2.6KV 1 minute / terminals to case		
Dielectric strength	ANSI C37.90 / 1989, IEEE-587, 1983		
Surge and impulse test	Current related input		
Maximum input over	Voltage related input		
	1A/5A	10A	
	4 x rated / continuous	2 x rated / continuous	1.5 x rated / continuous
	10 x rated / 10 seconds	25 x rated / 1 second	2 x rated / 10 seconds
	50 x rated / 1 second	50 x rated / 0.5 second	
	80 x rated / 0.5 second		
Input burden	Current less 0.2 VA; voltage less 0.1 VA		
Response time & ripple	≤ 400 ms for step change 0-99% ripple less 0.5% ro peak to peak		
Frequency	50 ± 2 Hz; 60 ± 2 Hz; 400 ± 5 Hz (Watt only)		
Waveform	Watt - 2% 3rd, Var - sinusoidal		
Stability	Temperature range (20 to 26°C) long term stability / year Maximum 60 ppm / °C less 0.2% draft / year typically LPW Maximum 70 ppm / °C less 0.2% draft / year typically LPK		
Storage condition	Temperature range -25 to 70°C, RH 20 to 95% non condensed		
Operating condition	Temperature range -20 to 65°C, RH 0 to 99% non condensed		
Magnetic field effect	< 0.01% under 100 ampere turns at 1M center		
Power dissipation	< 7 VA		

Terminal Connection

