

OVERLOAD PROTECTION

Input Limits	
Function	Maximum Input
AAC	1000A AC
V DC, V AC	1000V DC/AC
Resistance, Diode, Continuity Capacitance, Frequency, Duty Cycle	1000V DC/AC

GENERAL SPECIFICATIONS

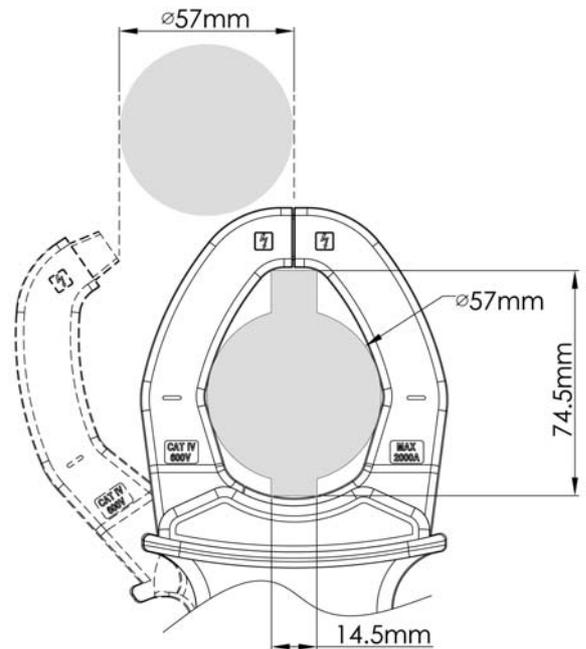
Clamp size	Opening 55mm approx
Diode Test	Test current of 0.3mA typical; Open circuit voltage 1.5V DC typical
Continuity Check	Threshold <100Ω; Test current < 1mA
Low Battery Indication	"  " is displayed
Overrange Indication	"OL" is displayed
Measurements Rate	2 per second, nominal
Input Impedance	10 MΩ (VDC and VAC)
Display	3-3/4 digits, 4000 counts Backlit LCD
Data Hold	To Freeze the displayed data
AC Current	50/60Hz (AAC)
AC Voltage bandwidth	50~400Hz (VAC)
Operating Temperature	14 to 122°F (-10 to 50°C)
Storage Temperature	-14 to 140°F (-30 to 60°C)
Relative Humidity	90% (0°C to 30°C); 75% (30°C to 40°C); 45% (40°C to 50°C)
Altitude	Operating: 300m; Storage 10,000m
Over voltage	Category III 1000V, Category IV 600V
Battery	One "9V" Battery
Auto OFF	Approx. 30 minutes
Dimensions/Weight	
Safety	For indoor use and in accordance with Overvoltage Category II, Pollution Degree 2. Category II includes local level, appliance, portable equipment, etc., with transient overvoltages less than overvoltage Cat III



*Technical Specifications & Appearance are subject to change without prior notice

TECHNICAL SPECIFICATIONS

Function	Range & Resolution	Accuracy (% of reading)
AC Current	40.00 AAC	± (2.5% + 10 digits)
	400.0 AAC	± (2.5 % + 5 digits)
	1000AAC	± (3.0 % + 4 digits)
DC Voltage	4.000 VDC	± (0.5% + 3 digits)
	40.00 VDC	
	400.00 VDC	
	1000 VDC	
AC Voltage	400.0 mVAC	± (1.0% + 8 digits)
	4.000 VAC	± (1.0% + 4 digits)
	40.00 VAC	
	400.0 VAC	
	1000.0 VAC	
Resistance	400.0Ω	± (1.0% + 4 digits)
	4.000KΩ	± (1.0% + 2 digits)
	40.00KΩ	
	400.00KΩ	± (1.5% + 3 digits)
	4.000MΩ	
	40.00MΩ	± (2.0% + 3 digits)
Capacitance	40.00nF	± (5.0% reading + 100 digits)
	400.0nF	± (3.0% reading + 5 digits)
	4.000μF	± (3.5% reading + 5 digits)
	40.00μF	
	100.00μF	± (5.0% reading + 5 digits)
Frequency	5.00Hz	± (1.5% reading + 5 digits)
	50.00Hz	± (1.2% reading + 2 digits) Sensitivity: 10Vrms min.
	500.0Hz	
	5.000kHz	
	50.00kHz	
	500.0kHz	
	5MHz	
	10.00MHz	± (1.5% reading + 10 digits)
Duty Cycle	0.5 to 99.0%	± (1.2% reading + 2 digits)
	Pulse width: 100μs - 100mS	



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