

Clamp-on Testers

CL155



- AC A
- ∅54
- AC/400~2000A
- AC V/DC V/Ω

CL155

- True RMS display
- DC output function
- Data hold function
- Sleep function

Approved for conformity to safety standards EN61010-1, EN61010-2-031, EN61010-2-032 (CAT. III 600 V, CAT. II 1000 V)

Specifications

At 23 ± 5 75%RH or less
Accuracy: ± (% rdg + dgt) = ± (% readout + value of least significant digit)

Parameter	Reference	Accuracy
AC current	400A	1.0+3 (50/60Hz)
		2.0+3 (40 ~ 1kHz)
	2000A(0 ~ 1500A)	1.0+3 (50/60Hz)
		3.0+3 (40 ~ 1kHz)
2000A(1500 ~ 2000A)	3.0(50/60Hz)	
AC voltage	40/400/750V	1.0+2 (50/60Hz)
		1.5+3 (40 ~ 1kHz)
DC voltage	40/400/1000V	1.0+2
Resistance	400/4k/40k/400k	1.5+2, Beeps at below 50±35 (continuity check)
DC output	400A(0 ~ 400mV)	± 1.5% rdg ± 0.5mV (50/60Hz)
		± 2.5% rdg ± 0.5mV (40 ~ 1kHz)
	2000A(0 ~ 150mV/0 ~ 1500A)	± 1.5% rdg ± 0.5mV (50/60Hz)
		± 3.5% rdg ± 0.5mV (40 ~ 1kHz)
2000A(150 ~ 200mV/1500 ~ 2000A)	± 3.5% rdg (50/60Hz)	

General Specifications

Parameter	Specification
Method of detection	True RMS
Display	LCD(Digital display:3999 counts)
Response time	Approx. 2 seconds
Range switching	Manual-range(on AC current range)/ Auto-range(on AC voltage range, resistance range)
Data hold	On all range
Peak hold	On AC current range
Ambient temperature and humidity	0-40 , 85% RH or less (no condensation)
Temperature coefficient	-
Influence of external magnetic field	1A or less at 400A/m
Influence of conductor position	±(2.0% rdg + 3dgt) or less
Safety standard	Conforms EN61010-1, EN61010-2-031, EN61010-2-032
Circuit voltage	1000Vrms or less
Withstanding voltage	5.55kV AC for one minute
Power supply	R6P(SUM-3) ×2 or LR6 ×2
Battery life	Approx. 150 hours (continuous)
Consumed current	Approx. 5mA
Sleep function	Automatically powered down in about 10 minutes after the last switch operation
Diameter of measurable conductor	54mm at maximum
Dimensions	Approx. 105(W)×247(H)×49(D)mm
Weight	Approx. 470g
Accessories	User's manual(IM CL150), batteries, carrying case(93034)