

Leakage Clamp-on Testers

CL345



AC Leak

∅ 40

AC/40mA-400A

RMS

CL345

- True RMS display
- Auto power-off
- Manual range switching
- Approved for conformity to safety standards EN61010-1, EN61010-2-032 (CAT. III 300 V)

Specifications

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

Parameter	Reference	Accuracy	
		WIDE(20Hz~)	50/60Hz
AC current	40mA/400mA	2.5+10 (20~1kHz)	1.0+5 (50/60Hz)
	400A(0~300A)	2.5+10 (40~1kHz)	1.0+5 (50/60Hz)
	400A(300~400A)	5.0 (40~1kHz)	2.0 (50/60Hz)

General Specifications

Parameter	Specification
Method of detection	True RMS
Display	LCD(Digital display:4200 counts)
Response time	Approx. 2 seconds
Range switching	Manual-range
Data hold	On all range
Peak hold	On all range
Ambient temperature and humidity	0-40°C, 85% RH or less (no condensation)
Temperature coefficient	-
Influence of external magnetic field	10mA or less in proximity to a 15mm-dia conductor carrying 100A
Influence of conductor position	40/400mA range: Within 5dgt at every part inside the jaw400A range, 0 to 250A: Within ±0.5%rdg ±5dgt at every part inside the jaw section
Influence of residual current	12mA or less in proximity to a 10mm-dia conductor carrying 100A
Safety standard	Conforms EN61010-1, EN61010-2-032
Circuit voltage	300Vrms or less
Withstanding voltage	3.7kV AC for one minute
Power supply	R0-3(LM-4) × 2 or LR03 × 2
Battery life	Approx. 24 hours (continuous)
Consumed current	Approx. 21mA
Auto power-off	Approx. 10 minutes
Diameter of measurable conductor	40mm at maximum
Dimensions	Approx. 81(W)×185(H)×32(D)mm
Weight	Approx. 270g
Accessories	User's manual(IM CL340), batteries, carrying case(93030)

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[CL345](#)

[CL360](#)

[Accessories](#)

CL360



AC Leak

∅ 68

AC/200mA-1000A

CL360

- Approved for conformity to safety standards EN 61010-1, EN 61010-2-032 (CAT III 300 V)

Specifications

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

Parameter	Reference	Accuracy	
		WIDE(40~1kHz)	50/60Hz
AC current	200mA/2A/20A	1.0+2 (50/60Hz) 3.0+2 (40~1kHz)	1.5+2
	200A	1.5+2 (50/60Hz) 3.5+2 (40~1kHz)	2.0+2
	1000A(0~500A)	1.5+2 (50/60Hz) 3.5+2 (40~1kHz)	2.0+2
AC output	1000A(501~1000A)	5.0 (50/60Hz) 10.0 (40~1kHz)	5.5
	200mA/2A/20A/0~200mV	2.0	2.0
	200A(0~200mV)	2.5	2.5
	1000A(0~50mV/0~500A)	3.0	3.0
DC output	1000A(50~100mV/501~1000A)	5.0	5.0
	200mA/2A/20A/0~200mV	3.0	3.5
	200A(0~200mV)	3.5	4.0
	1000A(0~50mV/0~500A)	5.0	5.5
	1000A(50~100mV/501~1000A)	7.0	7.5

General Specifications

Parameter	Specification
Method of detection	Mean value
Display	LCD(Digital display:1999 counts)
Response time	Approx. 1 second
Range switching	Manual-range
Data hold	On all range
Peak hold	On all range
Ambient temperature and humidity	-10-50°C, 80% RH or less (no condensation)
Temperature coefficient	-
Influence of external magnetic field	15mA or less in proximity to a 10mm-dia conductor carrying 100A
Influence of conductor position	2% or less
Influence of residual current	10mA or less in proximity to a 10mm-dia conductor carrying 100A
Safety standard	Conforms EN61010-1, EN61010-2-032
Circuit voltage	300Vrms or less
Withstanding voltage	3.7kV AC for one minute
Power supply	6F22(006P)9V × 1 or 6LR61 × 1
Battery life	Approx. 60 hours (continuous)
Consumed current	Approx. 5mA
Diameter of measurable conductor	68mm at maximum
Dimensions	Approx. 129(W)×248(H)×55(D)mm
Weight	Approx. 570g
Accessories	User's manual(IM CL360), batteries, carrying case(93031)