

+Complies with IEC6099-5 B1 measurement method when used alone, and available to comply with the same standard B2 measurement method when combined with MCV-36X1 (for distribution line).

Specification

Measurement	AC Leakage current, Harmonic current for EC6099-5 B1				
Measurable harmonics	Fundamental to 49th by PLL method (Min. fundamental input:more than 3% of 1mA range)				
Range	AC 1mA/10mA/100mA/1000mA (Max. input Current:AC 40A rms)				
Range switchover	4range auto (Same with above range)				
Frequency range	45~65Hz(Fundamental frequency)				
Resolution	Range	1mA	10mA	100mA	1000mA
	Resolution	0.0001mA	0.001mA	0.01mA	0.1mA
Accuracy	RMS measurement		:±1.2%rdg±8dgt		Influence of the proximity magnetic field : Impact of approximately 300μA in the magnetic field of 400A/m
	Harmonics measurement:		±2%rdg±5dgt		
A/D conversion	Dual slope integration mode				
AC converting	True RMS value detection, Crest factor(Peak/RMS):<3 (0-50% of the range) <2 (50-100% of the range)				
Sample rate	1 time/1s				
Insulation resistance	More than 100MΩ by DC1kV insulation tester (Between CT~Universal connector)				
Withstanding voltage	AC23kV/5min (Between CT and the connector)				
Operating circuit voltage	Use the surge arrester secondary side ground wire.				
Operating temperature	-20~60°C for the lithium battery and 5~45°C for the alkaline battery, RH 80%(w/o condensation)				
CT type	68mm with split core type ZCT(Non automatic open-close)				
Power supply	LR6(AA)*4ea				
Motion	Power On/Off Other operations: On the APP or Display unit				
Low battery indication	By LED flashing				
Weight	1550g (with batteries inside)				
Size	400*179.6*90.4mm				
Standard	IP11(IEC 60529:1989+AMD1:1999+AMD2:2013)				
	ETSI EN 300 328 V2.2.2 / EN 62479:2010				
	EN IEC 62311:2020 / EN IEC 61326-1:2021				
	EN 61000-4-2:2009 / EN IEC 61000-4-3:2020				
	EN 61010-1:2010/A1:2019/ EN 61010-2-032:2012				

Appearance

