



Safety Standards

- **Instrument Operation :** IEC/EN 61557-1
IEC/EN 61557-6
- **Safety :** IEC/EN 61010-1 CAT III (300V) - instrument.
- IEC/EN 61010-2-31 CAT III (600V) test lead
- Protection degree : IEC60529 (IP54)

TECHNICAL SPECIFICATIONS

Accuracy of trip Current (IEC/EN 61557-6)

Function	Accuracy of trip current
x 1/2	- 10% ~ 0
x 10	0 ~ 10%
x 5	
AUTO RAMP	- 10 ~ 10%

MEASUREMENT SPECIFICATION

Function	Rate Voltage (AC)	Trip Current Settings (1 Δ n)	Trip time	Accuracy	
				Trip Current (mA)	Trip time (mS)
x 1/2	230V +10% -15% 50Hz	10/20/30/200/300/500mA	1000ms	-8% ~ -2%	0.6% + 4dgt
x 1			1000ms		
x 5			200ms		
DC Test		(10/20/30/200/300/500mA) +6mA dc	1000ms	-10% ~ +10%	
AUTO RAMP Test		10/20/30/200/300/500mA	Goes up by 10% from 20% to 110% of 1 Δ n. 300ms x 10	-8% ~ +8%	

MEASUREMENT SPECIFICATION

- **Operating temperature/ humidity :** 0 ~ 40°C \leq 80%RH
- **Storage temperature/ humidity :** -20°C ~ 60°C \leq 75%RH
- **Allowable altitude height :** \leq 2000m
- **LCD display :** 3-1/2 digits display
- **Operating voltage :** 230V 50Hz + 10% - 15%
- **Grounding Resistance :** Maximum 50 Ω
- **LED indication :** P-E/ P-N LED green light means wiring correct. Red light means wiring wrong.
- **Product size :** 165 x 140 x 80mm
- **product net weight :** 575G (Without test lead)

Accessories : Manual, Test leads, Carrying Case

Optional Accessories : Separate Test Leads with Crocodile Clips

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