

Function		Measuring range	Resolution	Accuracy
CONTINUITY	Test Current 7 mA 2-wire	0.00 Ω ... 19.99 Ω	0.1 Ω	±(5 % of r. + 3 digits)
		20.0 Ω ... 1999 Ω	1 Ω	
	Test Current 200 mA 2-wire	0.00 Ω ... 19.99 Ω	0.01 Ω	±(3 % of r. + 3 digits)
INSULATION RESISTANCE	Test Voltage 50/100/250 V	20.0 Ω ... 199.9 Ω	0.1 Ω	±(5 % of r.)
		200.0 Ω ... 1999 Ω	1 Ω	±(5 % of r.)
		0.00 MΩ ... 19.99 MΩ	0.01 MΩ	±(5 % of r. + 3 digits)
INSULATION RESISTANCE	Test Voltage 500/1000 V	20.0 MΩ ... 99.9 MΩ	0.1 MΩ	±(10 % of r.)
		100.0 MΩ ... 199.9 MΩ	0.1 MΩ	±(20 % of r.)
		200 MΩ ... 999 MΩ	1 MΩ	±(5 % of r.)
RCD	RCD Uc	0.00 V ... 19.99 V	0.1 V	(-0%/+15%) of r. ± 10 digits (-0%/+15 %) of r.
		20.0 V ... 99.9 V		
	RCD (t),	0.00 ms ... 40.0 ms	0.1 ms	±1 ms
		0.0 V ... max.time		±3 ms
	RCD I Ramp	0.2xIΔN ... 1.1xIΔN (AC) 0.2xIΔN ... 1.5xIΔN (A), IΔN ≥ 30 mA) 0.2xIΔN ... 2.2xIΔN (A), IΔN < 30 mA) 0.2xIΔN ... 2.2xIΔN (B)	0.05xIΔN	±0.1xIΔN
IMPEDANCE	Zline L-L, L-N Ipsc	0.00 Ω ... 9.99 Ω	0.01 Ω	±(5 % of r. + 5 digits)
		10.0 Ω ... 99.9 Ω	0.1 Ω	
		100 Ω ... 999 Ω	1 Ω	
		1.00 kΩ ... 9.99 kΩ	10 Ω	
IMPEDANCE	Zloop L-PE, Ipfc	0.00 Ω ... 9.99 Ω	0.01 Ω	±(5 % of r. + 5 digits)
		10.0 Ω ... 99.9 Ω	0.1 Ω	
		100 Ω ... 999 Ω	1 Ω	
		1.00 kΩ ... 9.99 kΩ	10 Ω	
VOLTAGE	TRMS	0 ... 550 V	1V	±(2 % of r. + 2 digits)
	Frequency	0.00 Hz ... 9.99 Hz	0.01 Hz	±(0.2 % of r. + 1 digits)
		10.0 Hz ... 499.9 Hz	0.1 Hz	
CURRENT	TRMS, AC with A 1018	0.0 mA ... 99.9 mA	0.1 mA	±(5 % of r. + 5 digits)
		100 mA ... 999 mA	1 mA	±(3 % of r. + 3 digits)
		1.00 A ... 19.99 A	0.01 A	±(3 % of r.)
	TRMS, AC with A 1019	0.0 mA ... 99.9 mA	0.1 mA	indicative
100 mA ... 999 mA		1 mA	±(5 % of r.)	
1.00 A ... 19.99 A		0.01 A	±(3 % of r.)	
TRMS, AC/DC with A 1391, range= 40 A	0.00 A ... 1.99 A	0.01 A	±(3 % of r. + 3 digits)	
	2.00 A ... 19.99 A	0.01 A	±(3 % of r.)	
	20.0 A ... 39.9 A	0.1 A	±(3 % of r.)	
TRMS, AC/DC with A 1391, range = 300 A	0.00 A ... 19.99 A	0.01 A	indicative	
	20.0 A ... 39.9 A	0.1 A	indicative	
	40.0 A ... 299.9 A	0.1 A	±(3 % of r. + 5 digits)	
EARTH RESISTANCE	3 wire	0.00 Ω ... 19.99 Ω	0.01 Ω	±(5 % of r. + 5 digits)
		20.0 Ω ... 199.9 Ω	0.1 Ω	
		200.0 Ω ... 9999 Ω	1 Ω	
	2 clamp	0.00 Ω ... 19.99 Ω	0.01 Ω	
20.0 Ω ... 30.0 Ω		0.1 Ω	±(20 % of r.)	
30.1 Ω ... 39.9 Ω		0.1 Ω	±(30 % of r.)	
Specific earth resistance	0.0 Ωm ... 99.9 Ωm	0.1 Ωm	±(5 % of r.) for Re 1 Ω ...	
	100 Ωm ... 999 Ωm	1 Ωm	1999kΩ	
	1.00 kΩm ... 9.99 kΩm	0.01 kΩm	±(10 % of r.) for Re 2 kΩ ...	
	10.0 kΩm ... 99.9 kΩm	0.1 kΩm	19.99kΩ	
	100 kΩm ... 9999 kΩm	1 kΩm	±(20 % of r.) for Re > 20 kΩ	
FIRST FAULT LEAKAGE CURRENT		0.0 mA ... 19.9 mA	0.1 mA	±(5 % of r. + 3 digits)
IMD TEST	Threshold indicative insulation resistance	5 ... 640 kΩ	5 kΩ	Indicative values, up to 128 steps
ILLUMINANCE	Type B	0.01 lux ... 19.99 lux	0.01 lux	±(5 % of r. + 2 digits)
		20.0 lux ... 199.9 lux	0.1 lux	
		200 lux ... 1999 lux	1 lux	
		2.00 klux ... 19.99 klux	10 lux	
Type C	0.01 lux ... 19.99 lux	0.01 lux	±(10 % of r. + 3 digits)	
	20.0 lux ... 199.9 lux	0.1 lux		
	200 lux ... 1999 lux	1 lux		
	2.00 klux ... 19.99 klux	10 lux		
GENERAL	Power supply	9 VDC (6x1.5 V battery or accu, size AA)		
	Overvoltage category	1000 V DC CAT II; 600 V CAT III; 300 V CAT IV		
	Protection class	double insulation		
	COM port	BT, USB, RS232		
	Weight	1.3 kg		