

Differential leakage current (230/400 VAC or 120/208 VAC)

Differential leakage current readout

Range	Resolution	Accuracy
0.00 mA ÷ 9.99 mA	0.01 mA	±(5 % of reading + 5 digits)

Power / Functional test (230/400 VAC or 120/208 VAC)

Apparent power readout

Range	Resolution	Accuracy
0.00 kVA ÷ 24.00 kVA	0.01 kVA	±(5 % of reading + 5 digits)

Active power readout

Range	Resolution	Accuracy
0.00 kW ÷ 24.00 kW	0.01 kW	±(5 % of reading + 5 digits)

Reactive power readout

Range	Resolution	Accuracy
0.00 kW ÷ 24.00 kVAr	0.01 kVAr	±(5 % of reading + 5 digits)

Power factor readout

Range	Resolution	Accuracy
0.00 ÷ 1.00	0.01	±(5 % of reading + 5 digits)

3-phase RCD / Test current (10 mA, 15 mA, 30 mA, 100 mA, 300 mA)

Portable RCD trip-out time readout (AC and A type PRCD)

Range	Resolution	Accuracy
0 ms ÷ 300 ms (½ x IΔN, IΔN)	1 ms	±3 ms
0 ms ÷ 150 ms (2 x IΔN)	1 ms	
0 ms ÷ 40 ms (5 x IΔN)	1 ms	

Portable RCD trip-out current readout (B type PRCD)

Range	Resolution	Accuracy
0.2 x IΔN ÷ 2.2 x IΔN	0.05 x IΔN	±0.1 x IΔN

Continuity of the protective circuit (according to IEC/ EN 60974-4)

Test current set to 10 A

Range	Resolution	Accuracy
0.00 Ω ÷ 1.99 Ω	0.01 Ω	±(5 % of reading + 3 digits)
2.00 Ω ÷ 19.99 Ω	0.01 Ω	±10 %

Test current set to 200 mA

Range	Resolution	Accuracy
0.00 Ω ÷ 1.99 Ω	0.01 Ω	±(5 % of reading + 3 digits)
2.00 Ω ÷ 9.99 Ω	0.01 Ω	±10 %
10.0 Ω ÷ 19.9 Ω	0.1 Ω	

Insulation resistance (supply circuit to protective circuit); (welding circuit to protective circuit); (Insulation resistance supply circuit to welding circuit; (according to IEC/ EN 60974-4)

Insulation LN-PE readout; W-PE readout; LN-W readout:

Range	Resolution	Accuracy
0.000 MΩ ÷ 0.500 MΩ	0.001 MΩ	±(10 % of reading + 5 digits)
0.501 MΩ ÷ 1.999 MΩ	0.001 MΩ	±(5 % of reading + 3 digits)
2.00 MΩ ÷ 19.99 MΩ	0.01 MΩ	
20.0 MΩ ÷ 199.9 MΩ	0.1 MΩ	

Insulation resistance (supply circuit of class II equipment to accessible surfaces) (according to IEC/ EN 60974-4)

Insulation LN-P readout:

Range	Resolution	Accuracy
0.000 MΩ ÷ 0.500 MΩ	0.001 MΩ	±(10 % of reading + 5 digits)
0.501 MΩ ÷ 1.999 MΩ	0.001 MΩ	±(5 % of reading + 3 digits)
2.00 MΩ ÷ 19.99 MΩ	0.01 MΩ	

Welding circuit leakage current; Primary leakage current (according to IEC/ EN 60974-4)

Welding circuit leakage current readout; Primary leakage current readout:

Range	Resolution	Accuracy
0.00 mA ÷ 14.99 mA	0.01 mA	±(5 % of reading + 5 digits)

No load voltage (acc. to IEC/ EN 60974-4)

No load voltage readout: (AC peak or DC peak)

Range	Resolution	Accuracy
0.0 V ÷ 199.9 V	0.1 V	±(5 % of reading + 5 digits)

No load voltage readout: (AC RMS)

Range	Resolution	Accuracy
0.0 V ÷ 139.9 V	0.1 V	±(5 % of reading + 5 digits)

Polarity test Standard test (<60 VAC and DC)**Polarity test Active** (Mains supply voltage, over-current protection)