

1.14.2 Zs(rcd), Rs(rcd)

Fault loop impedance / Prospective fault current

Measuring range (Ω)	Resolution (Ω)	Accuracy
0.00 - 9.99	0.01	$\pm(5\% \text{ of reading} + 10 \text{ digits})$
10.0 - 99.9	0.1	
100 - 999	1	
1.00k - 9.99k	10	$\pm 10\% \text{ of reading}$

Nominal voltage range:

50 V - 500 V (45 Hz - 65 Hz)

No trip out of RCD.

1.14.3 High precision fault loop impedance Z m Ω L-Pe (with accessory A 1143)

Measuring range (m Ω)	Resolution (m Ω)	Accuracy
0.0 - 199.9	0.1	$\pm(5\% + 1 \text{ m}\Omega)$
200 - 1999	1	
2.00 - 19.99	10	5 %

Nominal voltage range: 100 V - 440 V

Nominal frequency: 50 Hz

Maximum test current (at 230 V): 154 A (10 ms)

1.14.4 Contact voltage

Measuring range (V)	Resolution (V)	Accuracy
0 - 100	1	$\pm(10\% + 3 \text{ digits})$

1.15 Line impedance

Measuring range (Ω)	Resolution (Ω)	Accuracy
0.00 - 9.99	0.01	$\pm(5\% \text{ of reading} + 5 \text{ digits})$
10.0 - 99.9	0.1	
100 - 999	1	
1.00k - 9.99k	10	$\pm 10\% \text{ of reading}$

Test current (at 230 V): 6.5 A (10 ms)

1.15.1 High precision line impedance

Measuring range (m Ω)	Resolution (m Ω)	Accuracy
0.1 - 199.9	0.1	$\pm(5\% + 1 \text{ m}\Omega)$
200 - 1999	1	
2.00 - 19.99	10	5 %

Nominal voltage range: 100 V - 440 V

Nominal frequency: 50 Hz

Maximum test current (at 400V): 267 A (10 ms)

1.16 Voltage, Frequency and Phase rotation

1.16.1 Phase rotation

Result displayed	1, 2, 3 or 3, 2, 1
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Nominal system voltage range: 100 V AC - 550 V AC

Nominal frequency range: 14 Hz - 500 Hz

1.16.2 Voltage, Frequency

Range	Resolution	Accuracy
0 - 550 V	1 V	$\pm(2\% \text{ of reading} + 2 \text{ digits})$

Range (Hz)	Resolution (Hz)	Accuracy
0.0, 14.0 - 499.9	0.1	$\pm(0.2\% \text{ of reading} + 1 \text{ digit})$