

1.1 Withstanding 1890 V, 2500 V

Withstanding voltage

Range	Resolution	Accuracy
0.00 - 3.00 kV	0.01 kV	(5 % of reading + 5 digit)

Withstanding current

Range	Resolution	Accuracy
0.0 - 99.9 mA	0.1 mA	(10 % of reading + 8 digit)

Output voltage: 1890 V (-0/+20 %), 2500 V (-0/+20 %), grounded

Trip out current (mA): 2, 5, 10, 20, 50, 100; (accuracy ± 10 %)

1.2 Withstanding 1000 V

Withstanding voltage

Range	Resolution	Accuracy
0.00 - 1.50 kV	0.01 kV	(5 % of reading + 5 digit)

Withstanding current

Range	Resolution	Accuracy
0.0 - 199.9 mA	0.1 mA	*(5 % of reading + 5 digit)
200 - 500 mA	1 mA	*(5 % of reading + 5 digit)

Output voltage / power: 1000 V -0 %, +20 % / 200 W at U_{min} 230 V, grounded

Trip out current (mA): 5, 10, 20, 50, 100, 200; (accuracy ± 10 %)

Timer (s): 2, 3, 5, 10, 30. START/STOP button must be pressed for operation

1.3 Discharging time

Range	Resolution	Accuracy
0.0 - 9.9 s	0.1 s	*(5 % of reading + 3 digit)

Peak voltage

Range	Resolution	Accuracy
0.0 - 550 V	1 V	*(5 % of reading + 5 digit)

1.4 Continuity

Continuity 10 A

Range	Resolution	Accuracy
0.00 Ω - 1.99 Ω	0.01 Ω	(5 % of reading + 3 digits)

Continuity 200 mA

Range	Resolution	Accuracy
0.00 Ω - 1.99 Ω	0.01 Ω	\pm (5 % of reading + 3 digits)

Open circuit voltage: <9 V AC

1.5 Insulation resistance, Insulation -S resistance

Insulation resistance

Range	Resolution	Accuracy
0.000 M Ω - 0.500 M Ω	0.001 M Ω	\pm (10 % of reading + 5 digits)
0.501 M Ω - 1.999 M Ω	0.001 M Ω	\pm (5 % of reading + 3 digits)
2.00 M Ω - 19.99 M Ω	0.01 M Ω	
20.0 M Ω - 199.9 M Ω	0.1 M Ω	

Insulation -S resistance

Range	Resolution	Accuracy
0.000 M Ω - 0.500 M Ω	0.001 M Ω	\pm (10 % of reading + 5 digits)
0.501 M Ω - 1.999 M Ω	0.001 M Ω	\pm (5 % of reading + 3 digits)
2.00 M Ω - 19.99 M Ω	0.01 M Ω	

Nominal voltages: 250 V DC, 500 V DC (-0 %, +10 %)

1.6 Subleakage current, Subleakage -S current

Substitute leakage current

Range	Resolution	Accuracy
0.00 mA - 19.99 mA	0.01 mA	\pm (5 % of reading + 5 digits)

Open circuit voltage: <50 V AC at rated mains voltage

1.7 Differential leakage current

Range	Resolution	Accuracy
0.00 mA - 9.99 mA	0.01 mA	\pm (5 % of reading + 5 digits)