

DATA SHEET

Multifunction safety tester **LG 1805B**



Multifunction safety LG 1805B, desktop device

Description	Multifunction tester with safety current limitation. Fully-electronic generators, extended voltage range supply 90 up to 250 V, 50 Hz / 60 Hz.	
High voltage test AC	Voltage range	100 up to 5,500 V
	Current range	0 up to 3 mA
	Short circuit current	< 3 mA
High voltage test DC	Voltage range	100 up to 6,000 V
	Current range	0 up to 10 mA
	Short circuit current	< 12 mA
	Residual ripple	< 3 %
Insulation measurement DC	Voltage range	100 up to 6,000 V
	Measuring range (voltage dependent)	250 k Ω up to 1 G Ω
ARC detection (optional)	Range	0 up to 100%
Ground bond test	Measuring range	0 up to 10 Ω
	Test current AC	1 up to 30 A
Equivalent leakage current test	Measuring range	0 up to 10 mA
	Test voltage AC	50 up to 270 V
Continuity test	Measuring range	0 up to 600 mA
Resistance measurement	Measuring range	0 up to 1,000 Ω
Measured variables in function test	Current AC / DC	0 up to 16 A
	Voltage AC / DC	0 up to 300 V
	Active power	0 up to 4,000 W
	Reactive power	0 up to 4,000 VAR
	Apparent power	0 up to 4,000 VA
	Cos φ	-1 up to +1
Subjective tests	Picture step / text step	subjective or informative
General Data	Dimensions (HxWxD) and weight	241 x 380 x 450 mm / approx. 15.0 kg 9.5 x 15.0 x 17.7 in. / approx. 33.1 lbs.
Interfaces	Computer interfaces	2 x USB, RS 232, Ethernet / LAN, CAN
	Digital interface 24 VDC	8 input + 8 output
	Analogue interface 10 VDC	2 x input + 1 x output
Operation	Touch	10.1" -TFT-colour display