

DATA SHEET

Safety tester **KT 1885L**



Safety tester KT 1885L
Plug-in 19" / 5 HU

Description	Fully automatic safety tester with 500 VA / 100 mA high voltage test. Potential-free, fully-electronic generators, extended voltage range supply 90 V up to 250 V, 50/60 Hz.	
	Please note: The KT 1885L generates life-threatening voltages and currents. It is the responsibility of the user (OEM) to ensure the safety requirements according to EN 50191. Without appropriate means of protection the device must not be operated.	
High voltage test AC	Voltage range	100 up to 5,500 V
	Current range	0 up to 100 mA
	Short circuit current	> 200 mA
High voltage test DC	Voltage range	100 up to 6,000 V
	Current range	0 up to 100 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 current 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
Subjective tests	Picture step / text step	subjective or informative
General data	Dimensions (HxWxD) and weight	222 x 483 x 491 mm / approx. 25.0 kg 8.7 x 19.0 x 19.3 in. / approx. 55.1 lbs.
	Mains supply	90 up to 250 V, 50 Hz / 60 Hz
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