

# DATA SHEET

## Safety tester **KT 1885K**



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

<b>Description</b>	Fully automatic safety tester with safety current limitation. Fully-electronic generators, extended voltage range supply 90 up to 250 V, 50 Hz / 60 Hz.	
<b>High voltage test AC</b>	Voltage range	100 up to 5,500 V
	Current range	0 up to 3 mA
	Short circuit current	< 3 mA
<b>High voltage test DC</b>	Voltage range	100 up to 6,000 V
	Current range	0 up to 10 mA
	Short circuit current	< 12 mA
	Residual ripple	< 3 %
<b>Insulation measurement DC</b>	Voltage range	100 up to 6,000 V
	Measuring range (voltage dependent)	250 k $\Omega$ up to 1 G $\Omega$
<b>ARC detection (optional)</b>	Range	0 up to 100%
<b>Ground bond test</b>	Measuring range	0 up to 10 $\Omega$
	Test current AC	1 up to 30 A
<b>Equivalent leakage current test</b>	Measuring range	0 up to 10 mA
	Test current AC	50 up to 270 V
<b>Continuity test</b>	Measuring range	0 up to 600 mA
<b>Resistance measurement</b>	Measuring range	0 up to 1,000 $\Omega$
<b>Subjective tests</b>	Picture step / text step	subjective or informative
<b>General data</b>	Dimensions (HxWxD) and weight	222 x 483 x 491 mm / approx. 19.0 kg 8.7 x 19.0 x 19.3 in. / approx. 41.9 lbs.
<b>Interfaces</b>	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
<b>Operation</b>	Touch	10.1"-TFT-colour