

# DATA SHEET

## Multifunction safety tester **KT 1886B / KT 1886J**



Multifunction safety tester series KT 1886, plug-in 19" / 5 HU in housing

		KT 1886B	KT 1886J
<b>High voltage test AC</b>	Voltage range	100 up to 5,500 V	
	Current range	0 up to 3 mA	0 up to 100 mA
	Short circuit current	< 3 mA	> 200 mA
<b>High voltage test DC</b>	Voltage range	100 up to 6,000 V	
	Current range	0 up to 10 mA	0 up to 100 mA
	Short circuit current	< 12 mA	> 50 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 10 G $\Omega$	250 k $\Omega$ up to 1 G $\Omega$
<b>ARC detection</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 voltage 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>Source function test</b>	Voltage	50 up to 270 V	
	Frequency	50 Hz and 60 Hz	
	Power / current	250 VA / 1 A	500 VA / 2 A
<b>Measured variables in function test</b>	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 $\varphi$	-1 up to +1	
<b>Subjective tests</b>	Picture step / text step	subjective or informative	
<b>General Data</b>	Dimensions (HxWxD)	222 x 483 x 491 mm / 8.7 x 19.0 x 19.3 in.	
	Weight	approx. 21.5 kg / 47.5 lbs.	approx. 27.5 kg / 60.5 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 display	