

DATA SHEET

MULTIFUNCTION SAFETY TESTER **KT 1885K / KT 1885L**



Multifunction safety tester KT 1885K / KT 1885L
Plug-in 19" / 5 HE

		KT 1885K	KT 1885L
Description	The multifunctional safety testers have safety current limitation, fully electronic generators as well as wide-voltage supply from 90 to 250 V, 50 Hz / 60 Hz. The requirements described in the European standard (EN 50191) for workplace safety at test stations above 1,000 V, such as safety switchboard and potential-free high voltage, are also met. This enables worldwide use in the test field, in production and in the laboratory.		
High voltage test AC	Voltage area	100 to 5.500 V	
	Power range	0 to 3 mA	0 to 100 mA
	Short circuit current	< 3 mA	> 200 mA
High voltage test DC	Voltage area	100 to 6.000 V	
	Power range	0 to 10 mA	0 to 100 mA
	Short circuit current	< 12 mA	–
	Residual ripple	< 3 % according to VDE 0432	
Insulation measurement DC	Voltage area	100 to 6.000 V	
	Measuring range (voltage-dependent)	250 kΩ to 1 GΩ	
ARC detection (optional)	Area	0 to 100%	
Protective conductor test	Measuring range	0 to 10 Ω	
	Test current AC	1 to 30 A	
Substitute leakage current test	Measuring range	0 to 10 mA	
	Test voltage AC	50 to 270 V	
Continuity test	Measuring range	0 to 600 mA	
Resistance measurement	Measuring range	0 to 1.000 Ω	
Subjective tests	Screen step / text step	Subjective or informative	
General data	Dimensions (HxWxD) and weight	22 x 483 x 491 mm	222 x 483 x 491 mm
		approx. 19.0 kg	approx. 25.0 kg
Interfaces	Computer interfaces	2 x USB, RS 232, Ethernet / LAN, CAN	
	Digital interface 24 VDC	8 Input + 8 Output	
	Analogue interfaces 10 VDC	2 x input + 1 x output	
Operation	Touch	10.1" TFT colour display	