

KT 172 Specification

	KT 172
MMI	8 LED voltage indication and polarity indication 2 LED Rotary Field 1 LED Single Pole/ ELV 1 LED Continuity
LED switching	LED's switched on by MCU, very bright LED.
Range/Resolution	LED: +/-12, 24, 50, 120, 230, 400, 690V AC/DC
Tolerance	acc. EN 61243-3, LEDs start indication as KEW1700
Measurement w/o battery	no, only ELV indication
Frequency	DC, 16...400Hz AC
Internal Load / Impedance	<3.5mA (690V) / >200kΩ
Auto Power ON	<12V
Test Current	<3.5mA
Optical Voltage display	LED
Buzzer Voltage indication	yes, 50Hz sound pattern
Single Pole Phase Test	yes
	Range SP >100V...690V
	Frequency SP 50/60Hz
	Display SP LED, Buzzer 50 Hz sound pattern
Phase Rotation Test	yes
	Voltage Range PR >100...690V
	Frequency Range PR 50/60Hz
	Display PR 2 green LEDs: one for right field, one for left field
Continuity/Diode Test	yes
	Resistance Range <400kΩ
	Display LED, continous buzzer
Safety Display	ELV display combined with single pole indication
Response Time	<0,5s, acc. EN61243-3
Duty cytle	30s measuring time, 240s recovery time.
Torch function (lamp/LED)	White LED , 5 sec on after button press
Self test	yes, all LED on
2mm/ 4mm interchangeable caps	no. Test tips similar "CATU"
IP 2X test tips	Yes, with trigger
4mm test tip caps (GS 38)	no
Cable	Double insulated silicon cable
Standard & Regulations	1. IEC 61243-3:2009/EN 61243-3:2010 2. IEC 61010-1:2010/EN 61010-1:2010 3. IEC 61557-1:2007/EN 61557-1:2007 4. IEC 61557-7:2007/EN 61557-7:2007 7. Flex & Pull Test according to Kyoritsu standard 8. Endurance test movable parts according to Kyoritsu standard 1.2.: Tested by TÜV 3.4.: Self declaration by Kyoritsu. ROHS compliance REACH compliance PAH compliance
Certificate	CE, TÜV GS
Protection Class	IP 65 (IEC60529)
Overvoltage Category	CAT.IV 600V, CAT.III 690V
Pollution Degree	2
Altituded	2000 m
Power Supply	yes
	Battery Type 2x battery 1.5V IEC LR03 (AAA type)
	Battery Test Rx LED
	Power Consumption 30mA, with buzzer up to 80 mA
Operating time	standard operating time > 1 year
Operating temperature/humidity	-15...+55°C max 85% RH
Storage temperature/humidity	-20...+70°C, 90% RH
Lenght of test cable (mm)	approx. 1.2m
Packaging	Blister package
Manual	French/Dutch

