KT 172 Specification

Phase Rotation Test	Kii	
2 LED Rotary Field 1 LED Single Pole! ELV 1 LED Continuity LED's switched on by MCU, very bright LED.		KT 172
1.ED Switching	ммі	
LED switching		
LED's witching		
LED: 4/-12, 24, 50, 120, 230, 400, 690V AC/DC Tolerance acc. EN 61243-3, LEDs start indication as KEW1700 Measurement wio battery no, only ELV indication Frequency DC, 16400Hz AC Internal Load / Impedance -3.5mA (690V) / > 200kΩ Autor Power ON -12V Tost Current -3.5mA (690V) / > 200kΩ Autor Power ON -12V Tost Current -3.5mA Optical Voltage display LED Buzzer Voltage Indication yes, 50Hz sound pattern yes Solet solet Solet sound pattern yes Solet solet Solet so		
Acc. EN 61243-3, LEDs start indication as KEW1700	LED switching	LED's switched on by MCU, very bright LED.
Acc. EN 61243-3, LEDs start indication as KEW1700	Range/Resolution	LED: +/-12 24 50 120 230 400 690V AC/DC
Measurement w/o battery no, only ELV indication		
Frequency		
Internal Load / Impedance	•	-
Auto Power ON <12V		
Test Current Optical Voltage display LED Optical Voltage indication Single Pole Phase Test Range SP Solvic Single Pole Phase Test Range SP Phase Rotation Test Voltage Ange PR Frequency SP Display SP LED, Buzzer 50 Hz sound patt Young Sp Phase Rotation Test Voltage Range PR Frequency Range PR Display PR Gontinuity/Diode Test Resistance Range Display Safety Display		
Detail Voltage display LED Suzzer Voltage Indication Yes, 50Hz sound pattern Yes Single Pole Phase Test Yes Solfe Solfe Display SP Solfe Display SP LED, Buzzer 50 Hz sound pattern Yes Solfe Display SP LED, Buzzer 50 Hz sound pattern Yes Solfe Sol		
Buzzer Voltage indication yes, 50Hz sound pattern yes		
Single Pole Phase Test Pes Range SP S0060		
Range SP		•
Phase Rotation Test		>100V690V
Phase Rotation Test		50/60Hz
Voltage Range PR		LED, Buzzer 50 Hz sound patterr
Frequency Range PR Display PR 2 green LEDs: one for right field, one for left field yes Resistance Range Display Response Time O,5s, acc. EN61243-3 Duty cyvle 30s measuring time, 240s recovery time. Torch function (lamp/LED) White LED, 5 sec on after button press Self test yes, all LED on no. Test tips similar "CATU" P2 X test tips 4mm test tip caps (GS 38) Cable Standard & Regulations 1. IEC 61243-3:2009/EN 61243-3:2010 2. IEC 61101-1:2010/EN 61010-1:2010 3. IEC 61557-7:2007/EN 61557-7:2007 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 PAH compliance Certificate CE, TÜV GS Protection Class IP 65 (IEC60529) Overvoltage Category CAT.IV 600V, CAT.III 690V Dever Supply Battery Type 2x battery 1.5V IEC LR03 (AAA type) Battery Type 2x battery 1.5V IEC LR03 (AAA type) Battery Type 1x x LED Power Consumption John March Storage Type August 1.2mm > 1		yes
Display PR 2 green LEDs: one for right field, one for left field yes Resistance Range Display Resistance Range Display ELV display combined with single pole indication Response Time <0.5s, acc. EN61243-3 Duty cycle 30s measuring time, 240s recovery time. Torch function (lamp/LED) White LED, 5 sec on after button press Self test yes, all LED on 7 mo. Test tips similar "CATU" Pz set stips Amm test tip caps (GS 38) Cable Double insulated silicon cable Standard & Regulations 1. IEC 61243-3:2009/EN 61243-3:2010 2. IEC 61100-1:2010/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 comp		>100690\
Ves Resistance Range Select Sel	Frequency Range PR	50/60Hz
Resistance Range Display Safety Display ELV display combined with single pole indication Co.5s., acc. EN61243-3 Buty cyvle 30s measuring time, 240s recovery time. Torch function (lamp/LED) Self test yes, all LED on no. Test tips similar "CATU" IP 2X test tips Yes, with trigger Imm test tip caps (GS 38) Cable Double insulated silicon cable Standard & Regulations 1, IEC 61243-3:2009/EN 61243-3:2010 2, IEC 61557-1:2007/EN 61557-1:2007 4, IEC 61557-1:2007/EN 61557-1:2007 4, IEC 61557-1:2007/EN 61557-1:2007 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 REACH compliance PAH co		
Display ELV display combined with single pole indication Co. Ss., acc. EN61243-3		,
Safety Display		<400kΩ
Response Time		
Duty cyvle 30s measuring time, 240s recovery time.		
Torch function (lamp/LED) Self test yes, all LED on no. Test tips similar "CATU" IP 2X test tips 4mm test tip caps (GS 38) Cable Standard & Regulations 1. IEC 61243-3:2009/EN 61243-3:2010 2. IEC 61010-1:2010/EN 61010-1:2010 3. IEC 61557-7:2007/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 comp	•	
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IP 2X test tips	· , , ,	
P 2X test tips		
Amm test tip caps (GS 38)		1951 apo ontinui O/110
Double insulated silicon cable		
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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	Cable Standard & Regulations Certificate Protection Class Overvoltage Category Pollution Degree Altituded	Double insulated silicon cable 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 PAH compliance CE, TÜV GS IP 65 (IEC60529) CAT.IV 600V, CAT.III 690V 2 2000 m
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	Cable Standard & Regulations Certificate Protection Class Overvoltage Category Pollution Degree Altituded Power Supply	Double insulated silicon cable 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 PAH compliance CE, TÜV GS IP 65 (IEC60529) CAT.IV 600V, CAT.III 690V 2 2000 m yes
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	Cable Standard & Regulations Certificate Protection Class Overvoltage Category Pollution Degree Altituded Power Supply Battery Type	Double insulated silicon cable 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 PAH compliance CE, TÜV GS IP 65 (IEC60529) CAT.IV 600V, CAT.III 690V 2 2000 m yes 2x battery 1.5V IEC LR03 (AAA type)
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	Cable Standard & Regulations Certificate Protection Class Overvoltage Category Pollution Degree Altituded Power Supply Battery Type Battery Test	Double insulated silicon cable 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 PAH compliance CE, TÜV GS IP 65 (IEC60529) CAT.IV 600V, CAT.III 690V 2 20000 m yes 2x battery 1.5V IEC LR03 (AAA type) Rx LED
Storage temperature/humidity -20+70°C, 90% RH Lenght of test cable (mm) approx. 1.2m	Cable Standard & Regulations Certificate Protection Class Overvoltage Category Pollution Degree Altituded Power Supply Battery Type Battery Test Power Consumption	Double insulated silicon cable 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 PAH compliance PAH compliance CE, TÜV GS IP 65 (IEC60529) CAT.IV 600V, CAT.III 690V 2 2000 m yes 2x battery 1.5V IEC LR03 (AAA type) Rx LED 30mA, with buzzer up to 80 mA
Lenght of test cable (mm) approx. 1.2m	Certificate Protection Class Overvoltage Category Pollution Degree Altituded Power Supply Battery Type Battery Test Power Consumption Operating time	Double insulated silicon cable 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 PAH compliance PAH compliance CE, TÜV GS IP 65 (IEC60529) CAT.IV 600V, CAT.III 690V 2 2000 m yes 2x battery 1.5V IEC LR03 (AAA type) Rx LED 30mA, with buzzer up to 80 mA standard operating time >1 year
	Certificate Protection Class Overvoltage Category Pollution Degree Altituded Power Supply Battery Type Battery Test Power Consumption Operating time Operating temperature/humidity	Double insulated silicon cable 1. IEC 61243-3:2009/EN 61243-3:2010 2. IEC 61010-1:2010/EN 61010-1:2010 3. IEC 61557-1:2007/EN 61557-7:2007 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 PAH compliance CE, TÜV GS IP 65 (IEC60529) CAT.IV 600V, CAT.III 690V 2 2000 m yes 2x battery 1.5V IEC LR03 (AAA type) Rx LED 30mA, with buzzer up to 80 mA standard operating time >1 year -15+55°C max 85% RH
li acraging	Certificate Protection Class Overvoltage Category Pollution Degree Altituded Power Supply Battery Type Battery Type Battery Type Consumption Operating time Operating temperature/humidity Storage temperature/humidity	Double insulated silicon cable 1. IEC 61243-3:2009/EN 61243-3:2010 2. IEC 61010-1:2010/EN 61010-1:2010 3. IEC 61557-1:2007/EN 61557-7:2007 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 PAH compliance CE, TÜV GS IP 65 (IEC60529) CAT.IV 600V, CAT.III 690V 2 2000 m yes 2x battery 1.5V IEC LR03 (AAA type) Rx LED 30mA, with buzzer up to 80 mA standard operating time >1 year -15+55°C max 85% RH -20+70°C, 90% RH
Manual French/Dutch	Certificate Protection Class Overvoltage Category Pollution Degree Altituded Power Supply Battery Type Battery Type Battery Type Consumption Operating time Operating temperature/humidity Storage temperature/humidity	Double insulated silicon cable 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 PAH compliance CE, TÜV GS IP 65 (IEC60529) CAT.IV 600V, CAT.III 690V 2 2000 m yes 2x battery 1.5V IEC LR03 (AAA type) Rx LED 30mA, with buzzer up to 80 mA standard operating time >1 year -15+55°C max 85% RH -20+70°C, 90% RH

