

## UT582+

### Digital RCD (ELCB) Tester

UT582+ is mainly used to detect whether the RCD in the circuit can be triggered normally. It is only suitable for single-phase circuits with the supply voltage range of 195V-253V. Its voltage measurement range is 30V~600V, 45Hz ~65Hz.

- Power off gear
- LCD backlight
- Data hold
- Auto ramp
- Disconnect buzzer
- Over-range display: OL
- With protect fuses
- Mis-operation buzzer
- Power off buzzer
- Full icon display



● UT582+

Range setting	Rated operating current	Trip time	Accuracy
Certificates	CE, RoHS		
X 1/2	10mA/20mA/30mA/100mA/300mA/500mA	2000ms	-10%~0%
X 1	10mA/20mA/30mA/100mA/300mA	1000ms	0%~10%
	500mA	300ms	0%~10%
X 5	10mA/20mA/30mA	40ms	0%~10%
Auto ramp	10mA/20mA/30mA/100mA/300mA/500mA	300ms	-10%~10%
Trip time accuracy	±(2%+2)		
Operating voltage (Freq.)	195V-253V		
<b>Voltage measurement</b>			
Voltage range	30~600V		
Frequency	45Hz~65Hz		
Resolution	1V		
Accuracy	±(3%+3)		
Display count	1000		
Low battery indication	<7.2V		
APO auto power off	v		
Phase angle selection	0° and 180°		
Connections check	Simultaneously test the trip time and trip current		
Compliance standard	IEC 61010-1, IEC 61010-2-030, IEC 61010-2-033, IEC 61557-1:2007, IEC 61557-6:2007, EN61326-1, EN61326-2-2		
Lead sequence check	LCD		
Category ratings	CAT III 600V, CAT III 300V		
<b>GENERAL CHARACTERISTICS</b>			
Power	1.5V battery (LR6) x 6		
Display	71mm x 34mm		
Product net weight	400g		
Product size	160mm x 100mm x 71mm		
Standard accessories	Test line, elastic strap, English manual		
Standard individual packing	Gift box, carrying bag		
Standard quantity per carton	5pcs		
Standard carton measurement	425mm x 280mm x 180mm		
Standard carton gross weight	4.9kg		

## UT585/586

### Digital RCD (ELCB) Testers

UT580 series digital RCD (ELCB) testers are necessary tools for engineering quality monitoring by measuring RCD (ELCB) trip time and current. Users can set X1/2, X1, X2, X5 the rated trip current to check RCD (ELCB) response rate under various conditions.

- Auto power off
- Low battery indication
- Data hold
- LCD backlight
- Contact voltage automatic detection
- Over-temperature detection
- Lock measurement
- Connections check:Lamps indication
- Fused



● UT586

Range setting	Rated operating current	Trip time	UT585	UT586
x 1/2	10mA/20mA/30mA/100mA/300mA/500mA	1000ms	v	
	10mA/20mA/30mA/100mA/200mA/300mA/500mA/1000mA	2000ms		v
x 1	10mA/20mA/30mA/100mA/300mA/500mA	1000ms	v	
	10mA/20mA/30mA/100mA/200mA/300mA	2000ms		v
x 2	500mA/1000mA	200ms		v
	10mA/20mA/30mA/100mA/300mA	1000ms	v	
x 5	10mA/20mA/30mA/100mA/200mA/300mA/500mA	200ms		v
	10mA/20mA/30mA/100mA/200mA	300ms	v	
Auto ramp	10mA/20mA/30mA/100mA/300mA/500mA	300ms	v	
	10mA/20mA/30mA/100mA/200mA/300mA/500mA/1000mA	300ms		v
Manual ramp	10mA/20mA/30mA/100mA/200mA/300mA/500mA/1000mA	300ms		v
Trip current accuracy			±10%	±10%
Trip time accuracy			±(0.6%+4)	±(0.6%+4)
Trip time resolution			1ms	1ms
Operating voltage (frequency)	230V (50Hz)		±10%	±10%
AC voltage	60V~400V (Frequency: 50Hz~60Hz)		±(5%+2)	±(5%+2)
DC voltage	±60V~±400V		±(5%+2)	
Category ratings	CAT III 300V			
<b>GENERAL CHARACTERISTICS</b>				
Power	1.5V battery (R6) x 8			
Display	125mm x 37mm			
Product net weight	1kg			
Product size	210mm x 175mm x 90mm			
Std. accessories	Batteries, test line, holster, elastic strap, English manual			
Std. individual packing	Gift box, tool box			
Std. quantity per carton	1pcs			
Std. carton measurement	340mm x 140mm x 340mm			
Std. carton gross weight	3.4kg			