

■ **FEATURES:**

KM-582 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.

- Auto power off function
- LCD backlight
- Data Hold
- Auto ramp
- Buzzer indication to disconnect
- Over-range indication
- 1000 counts display
- Low battery indication: <7.2V
- Mis-operation buzzer
- Power off buzzer
- Fuse protection
- CAT III 600V



Preliminary Data

■ **SPECIFICATIONS:**

| Range Setting | Rated operating current | Trip Time | Accuracy |
|----------------------------|--|-----------|----------|
| X 1/2 | 10mA/20mA/30mA/100mA/300mA/500mA | 2000ms | -10%~0% |
| X 1 | 10mA/20mA/30mA/100mA/300mA 500mA | 1000ms | 0%~10% |
| | | 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 | | |
| Voltage measurement | | | |
| Voltage range | 30~600V | | |
| Frequency | 45Hz~65Hz | | |
| Resolution | 1V | | |
| Accuracy | ±(3%+3) | | |
| 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 | | |

■ **GENERAL CHARACTERISTICS**

| | |
|--------------------------|----------------------------------|
| Power | 1.5V battery (LR 6) x 6 |
| Display | 71mm x 34mm |
| Product net weight | 400gms Approx. |
| Product size (W x H x D) | 160mm x 100mm x 71mm |
| Standard accessories | Test line, elastic strap, Manual |

All Specifications are subject to change without prior notice.