

KEWTECH

KT115



PRODUCT DATA SHEET

KT115 DIGITAL MULTIMETER

- Measures AC/DC current up to 10A
- Measures AC/DC voltage up to 600V
- Diode test feature
- Capacitance test feature
- Resistance measurement
- Continuity buzzer
- Data hold memory function
- Auto and manual ranging
- Display: 4000 counts
- Sleep feature to save batteries
- Complies with IEC61010-1 CAT. III 300V/ CAT. II 600V
- Min / Max function for continuous testing

ACCESSORIES

- Test leads
- Batteries
- Instruction Manual
- Certificate of Conformity

OPTIONAL

- KEW8112 Clamp adaptor for digital multimeters
- Calibration Certificate

SPECIFICATIONS

| Range | | Measuring Range | Accuracy | |
|--------------|--|---|---|------------------|
| DC V | 400mV | 0~600A (5 Autoranging) Input impedance approx. 10MΩ | ±0.6% rdg ± 4dgt | |
| | 40V | | | |
| | 400V | | | |
| | 600V | | | |
| AC A | 400mV | 20~399.9mV Input impedance approx. 10MΩ | ±1.6% rdg ± 4dgt (50/60Hz) ±2.0% rdg ± 4dgt (~400Hz) | |
| | 4V | 0~600V (4 Autoranging) Input impedance approx. 10MΩ | ±1.3% rdg ± 4dgt (50/60Hz) ±1.7% rdg ± 4dgt (~400Hz) | |
| | 40V | | | |
| | 400V | | | |
| | 600V | | | |
| DC A | 400 μA | 0~400mA (2 Autoranging) | ±2.0% rdg ± 4dgt | |
| | 4000 μA | | | |
| | 40 mA | 0~400mA (2 Autoranging) | ±1.0% rdg ± 4dgt | |
| | 400 mA | | | |
| | 4 A | 0~10mA (2 Autoranging) | ±1.6% rdg ± 4dgt | |
| 10 A | Allowable measurement time: 10A (15 seconds max) | | | |
| DC A | 400 μA | 0~400μA (2 Autoranging) | ±2.6% rdg ± 4dgt (50/60Hz) ±3.0% rdg ± 4dgt (~400Hz) | |
| | 4000 μA | | | |
| | 40 mA | 0~400mA (2 Autoranging) | ±2.0% rdg ± 4dgt (50/60Hz) ±2.4% rdg ± 4dgt (~400Hz) | |
| | 400 mA | | | |
| | 4 A | 0~10A (2 Autoranging) | ±1.6% rdg ± 4dgt | |
| 10 A | Allowable measurement time: 10A (15 seconds max) | | | |
| Ω | Resistance | 400Ω | 0~40MΩ (6 Autoranging) | ±1.0% rdg ± 4dgt |
| | | 4kΩ | | |
| | | 40kΩ | | |
| | | 400kΩ | | |
| 4MΩ | | | | |
| 40MΩ | | ±2.0% rdg ± 4dgt | | |
| | Diode check | Test current approx. 0.4MΩ | Unspecified | |
| | Continuity Check | 0~400Ω | Buzzer beeps below about 70Ω | |
| Capacity | 40nF | ~100μF (5 Autoranging) | ±3.5% rdg ± 10dgt | |
| | 400nF | | ±3.0% rdg ± 5dgt | |
| | 4μF | | ±3.5% rdg ± 5dgt | |
| | 40μF | | | |
| | 100μF | | | |
| Frequency | 5.12Hz | ~10MHz (8 Autoranging) Input sensitivity: ~1MHz/more than 1.5V (RMS) over 1MHz/more than 2V (RMS) | ±0.1% rdg ± 5dgt | |
| | 51.2Hz | | | |
| | ~10MHz | | | |
| | 512Hz | | | |
| | 51.2kHz | | | |
| | 512kHz | | | |
| | 10MHz | | | |
| DUTY | 0.1~99.9% (Pulse width/Pulse period) | ±2.5% rdg ± 5dgt | | |
| Reading Type | Averaging | | | |