

PRODUCT DATA SHEET

KT64DL

MULTIFUNCTION TESTER WITH EV

- Easy to use
- Anti Trip Technology loop test - for full no trip Loop testing on RCDs of all types.
- Low susceptibility to RCD uplift and noise interference
- Displays PFC/PSC at same time as Loop reading
- 250 / 500 / 1000V insulation test with auto discharge
- SPD testing
- Test leads auto-null for continuity mode
- RCD test type A, AC, AS, ACS, auto & ramp
- 6mA DC test at 0 & 180 for EV charge point testing
- New design ultra slim probe tips for access to push fit connector blocks
- Hand-free mode controlled by separate button
- Single rotary dial for function selection
- Mains polarity test

INCLUDED ACCESSORIES

- ACC063 distribution board test lead set
- Kamp 12 mains lead
- Batteries
- Printed Instruction Manual
- End of line Calibration Certificate
- Soft carry case

OPTIONAL

- KEWEVA Testing Adapter
- FC2000 calibration checker
- Lightmate kit – for fast connection to light fittings
- Pat Adaptor1 – converts your KT64DL into a Pat Tester
- Jump1d1 – Small jump leads for 18th edition cont/ins testing

PRODUCT INFO

- 313 x 200 x 200 Boxed (WxDxH mm)
- 2.32kg Weight
- EAN 5060084082816
- Made in China

KT64DL

The UK's smallest MFT with EV testing



SPECIFICATIONS

EV

SPD

CONTINUITY

| Open Circuit Voltage (DC) | Short Circuit Current | Ranges (Auto Range) | Accuracy |
|---------------------------|-----------------------|------------------------|---------------|
| >4V, <10V | >200mA | 9.99Ω, 99.9Ω, 29.99 kΩ | ±3% ±2 digits |

Test Lead Null 4Ω, Hazard warning LED >25V, Typical Test Time(2Ω) <2 sec

INSULATION

| Open Circuit Voltage (DC) | Output Current | Ranges (Auto Range) | Accuracy |
|---------------------------|-------------------------|-------------------------------|--------------------------------|
| 250V | 1mA - 0 = + 20% @ 250kΩ | 9.99MΩ, 99.9MΩ, 2000MΩ | ±3% ±1 digits ±6% ±1 digits |
| 500V | 1mA - 0 = + 20% @ 500kΩ | 9.99MΩ, 99.9MΩ, 199MΩ, 2000MΩ | ±3% ±1 digits ±6% ±1 digits |
| 1000V | 1mA - 0 = + 20% @ 1MΩ | 9.99MΩ, 99.9MΩ, 399MΩ, 2000MΩ | ±3% ±1 digits ±6% ±1 digits |

Short circuit current (in to 2kΩ) <2mA, Typical Test Time (10MΩ) <2 sec

BREAKDOWN VOLTAGE / SPD

| Range | Measurement Range | Accuracy | I limit detection | Voltage increment |
|--------|-------------------|--------------|-------------------|------------------------|
| 1000 V | 0 - 105 | +5% +5digits | 1mA | 1 volt at 100V per sec |

LOOP IMPEDANCE

| Range | Accuracy |
|----------------------------|-----------------|
| ATT No trip 0.00 – 9.99 Ω | ± 5% ± 5 digits |
| ATT No trip 10.00 – 99.9 Ω | ± 3% ± 3 digits |
| ATT No trip 100 - 500 Ω | ± 3% ± 3digits |
| High Current 0.000 - 500 Ω | ± (3% + 30mΩ) |

PSC/PFC

PSC accuracy is derived from measured loop impedance specification and measured voltage specification.

Voltage measurement: +/- 3% 50/60Hz and 90 – 250V

RCD (Type AC, ACS, A, AS)

| Function | Accuracy | Rated Voltage | Tripping Time Accuracy | |
|-----------|-------------------------|---|------------------------|-------------|
| X 1/2 | −0% to −10% | 195V – 253V AC 50Hz | Up to 1 second | ±(1% + 1ms) |
| X 1 | +0% to +10% | | Above 1 second | ±(1% +10ms) |
| X 5 | +0% to +10% | | | |
| Ramp Test | Increments in 3mA steps | | | |
| Auto test | 30mA RCD | 1/2 x 0°, 1/2 x 180°, 1 x 0°, 1 x 180°, 5 x 0°, 5x 180° | | |
| EV RDC-DD | 6mA (-0% +13%) | | | |

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