

## PRODUCT DATA SHEET

### KT63DL

#### MULTIFUNCTION TESTER

- Easy to use
- New Anti Trip Technology loop test - for full no trip Loop testing on RCDs of all types. Low susceptibility of RCD uplift and noise interference
- Displays PFC/PSC at same time as Loop reading
- 250 / 500 / 1000V insulation test with auto discharge
- Test leads auto-null for continuity mode
- RCD auto test mode for 30mA RCDs
- RCD ramp test function
- 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

- FC2000 calibration checker
- Lightmate kit – for fast connection to light fittings
- Pat Adaptor1 – converts your KT63DL into a Pat Tester
- Jumpld1 – Small jump leads for 18th edition cont/ins testing

#### PRODUCT INFO

- 313 x 200 x 200 Boxed (WxDxH mm)
- 2.32kg Weight
- EAN 5060084082182

# KT63DL

## 5-in-1 Multifunction Tester



## SPECIFICATIONS

### 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(20) <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<br>±6% ±1 digits |
| 500V                      | 1mA - 0 = + 20% @ 500kΩ | 9.99MΩ, 99.9MΩ, 199MΩ, 2000MΩ | ±3% ±1 digits<br>±6% ±1 digits |
| 1000V                     | 1mA - 0 = + 20% @ 1MΩ   | 9.99MΩ, 99.9MΩ, 399MΩ, 2000MΩ | ±3% ±1 digits<br>±6% ±1 digits |

Short circuit current (in to 2kΩ) <2mA, Typical Test Time (10MΩ) <2 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% ± 3 digits |
| High Current 0.00 - 500 Ω  | ± 3% ± 3 digits |

### 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<br>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° |                        |             |