

# DLPK6790

## CombiVolt™ 2 690V Proving Unit Kit

The NEW Di-LOG DLPK6790 CombiVolt 2 Digital Voltage Indicator and Proving Unit kit is supplied packaged in our bespoke carry pouch fitted with a durable carrying strap and belt loop.

The DLPK6790 kits compact, lightweight and ergonomic design will encourage the user to carry keep it on their person ready to conduct the correct safe isolation procedure as outlined and in accordance with the “Electricity at Works Regulations 1989”.

With our award winning CombiVolt series of voltage indicators being fully compliant to GS38 and BS 61243-3:2014, the Di-LOG DLPK67xx series kits offer fantastic safety, quality and value.

### Features

- 12-690V AC/DC Voltage
- Digital LCD Display
- Fully conforms to BS 61243-3:2014
- Audible Continuity
- Phase Rotation
- GS38 Compliant
- 690V AC Voltage Output
- Designed to prove High/Low Impedance Instruments



### DLPK6780 Contents & Dimensions

| Voltage Indicator  | DL6790 CombiVolt 2                                |
|--------------------|---------------------------------------------------|
| Proving Unit       | PU690 690V Proving Unit                           |
| Carrry Pouch       | CCDLPK Bespoke Pouch                              |
| Warranty           | 2 Years                                           |
| Dimensions (H/W/D) | 330mm x 95mm x 50/100mm                           |
| Weight (net)       | 790g                                              |
| Power supply       | 6 x 1.5V (LR6) AA/ 2 x 1.5V (LR03) AAA (supplied) |
| EAN                | 5060082543593                                     |



## DL6790 Voltage Indicator Specification

### 2 Pole Voltage Indication

|                       |                                  |
|-----------------------|----------------------------------|
| Voltage range         | 12 - 690V AC/DC                  |
| LED resolution        | 12, 24, 50, 120, 230, 400 & 690V |
| Voltage detection     | Automatic                        |
| Frequency range       | 0 - 400Hz                        |
| Peak current          | 3.5mA                            |
| Operation time        | 30 Seconds                       |
| Acoustic AC/DC signal | ✓                                |
| Auto power on         | <12V AC/DC                       |
| IP rating             | IP65                             |

### Single Pole Indication

|                 |               |
|-----------------|---------------|
| Voltage range   | 100 - 690V AC |
| Frequency range | 50 - 400Hz    |

### Continuity

|                   |           |
|-------------------|-----------|
| Measurement range | 0 - 400kΩ |
|-------------------|-----------|

### Phase Rotation Test

|                         |               |
|-------------------------|---------------|
| Voltage range           | 100 - 690V AC |
| Frequency               | 45 - 65Hz     |
| Over voltage protection | 690V AC/DC    |

### Other Information

|              |                               |
|--------------|-------------------------------|
| Dimensions   | 225mm x 70mm x 28mm           |
| Weight (net) | 210g                          |
| Power supply | 2 x 1.5V (RO3) AAA (supplied) |
| EAN          | 5060082542336                 |

## PU690 Proving Unit Specification

|                        |                              |
|------------------------|------------------------------|
| Voltage Output         | 690V AC                      |
| Output current         | <3.5mA                       |
| Frequency              | 50 Hz                        |
| Load                   | ≥200 KΩ                      |
| High Voltage LED       | ✓                            |
| Low Voltage LED        | ✓                            |
| Low battery indication | ≤ 7.6V                       |
| Safety rating          | CAT II 750V                  |
| Operating temperature  | -10°C to 40°C at max         |
| Storage temperature    | -10°C - 50°C                 |
| Relative humidity      | ≤70% non-condensing          |
| Altitude               | Up to 2000m                  |
| Pollution Degree       | 2                            |
| Dimensions (H/W/D)     | 140mm x 80mm x 50mm          |
| Weight (net)           | 400g                         |
| Power supply           | 6 x 1.5V (LR6) AA (supplied) |
| EAN                    | 5060082543562                |



EMC, LVD & RoHS  
EN 61010-1  
EN 61010-2-030  
EN 61326-1  
EN 61326-2-2



EMC & LVD  
EN 61326-1  
EN 61243-3:2014  
EN 61010-1  
EN 61010-2-030  
EN 61010-031  
EN 60529 (IP65)