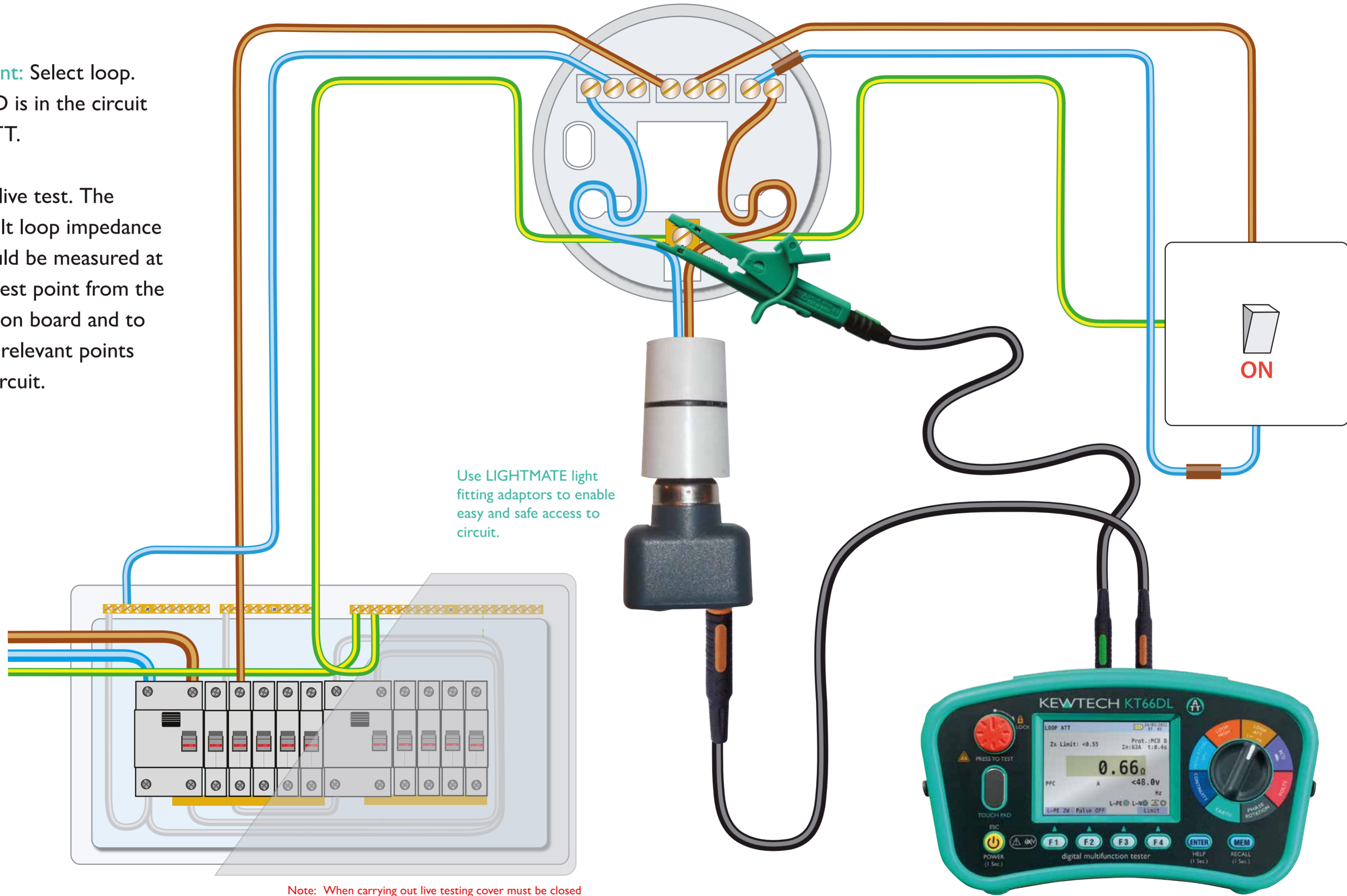


# Clear Thinking with Kewtech

## Z<sub>s</sub> Testing - lighting circuit

**Instrument:** Select loop.  
If an RCD is in the circuit select ATT.

This is a live test. The Earth fault loop impedance ( $Z_s$ ) should be measured at the furthest point from the distribution board and to all other relevant points on the circuit.



Use LIGHTMATE light fitting adaptors to enable easy and safe access to circuit.

Note: When carrying out live testing cover must be closed

Kewtech 'Clear Thinking' diagrams are schematics to aid the understanding of electrical testing. Ensure proper safety procedures are taken before any testing.

Johnny Ace says:  
Remember the rule of thumb adjustment to  $Z_s$  limit values.

