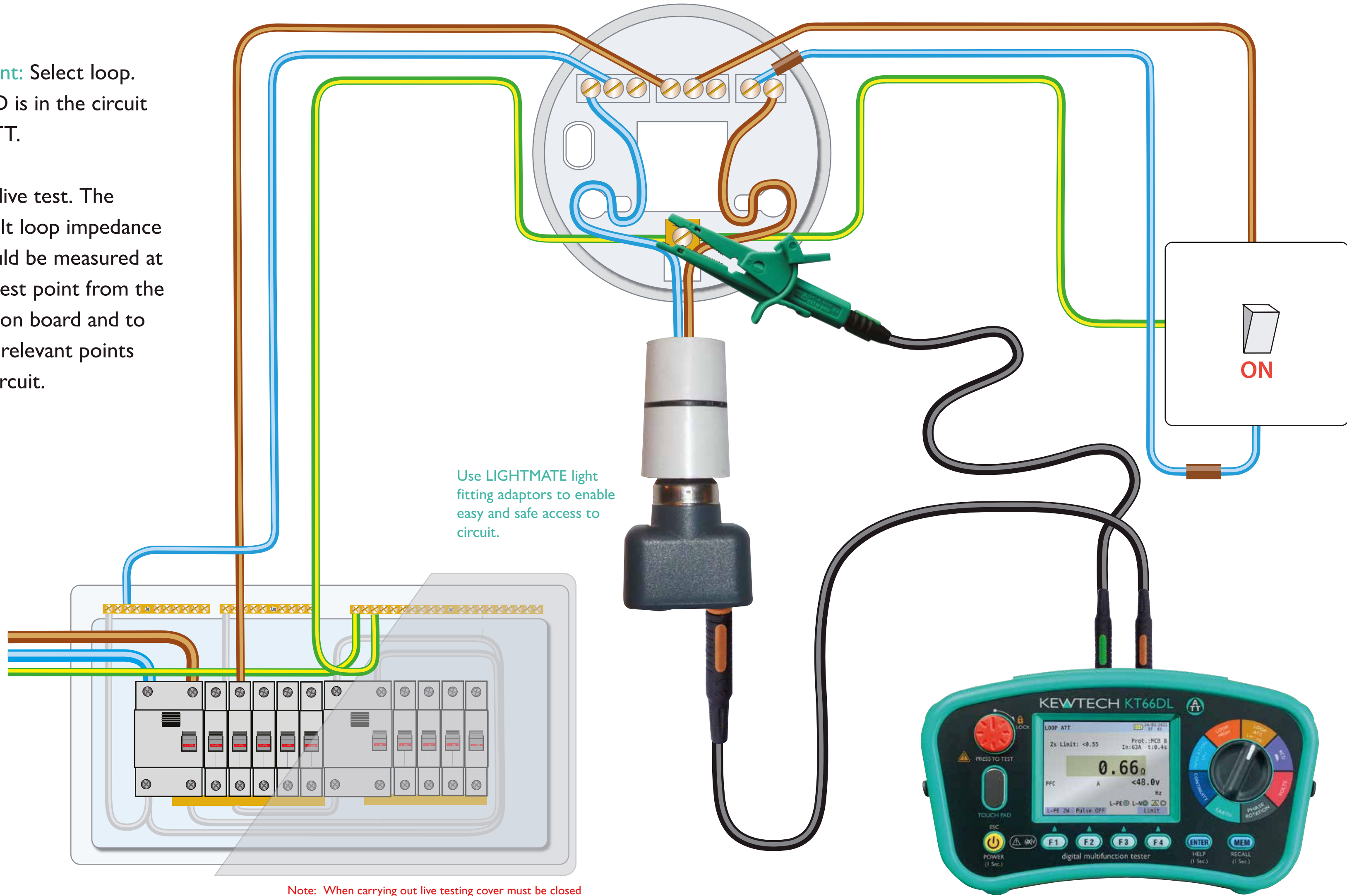


# Clear Thinking with Kewtech

## 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.



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.

