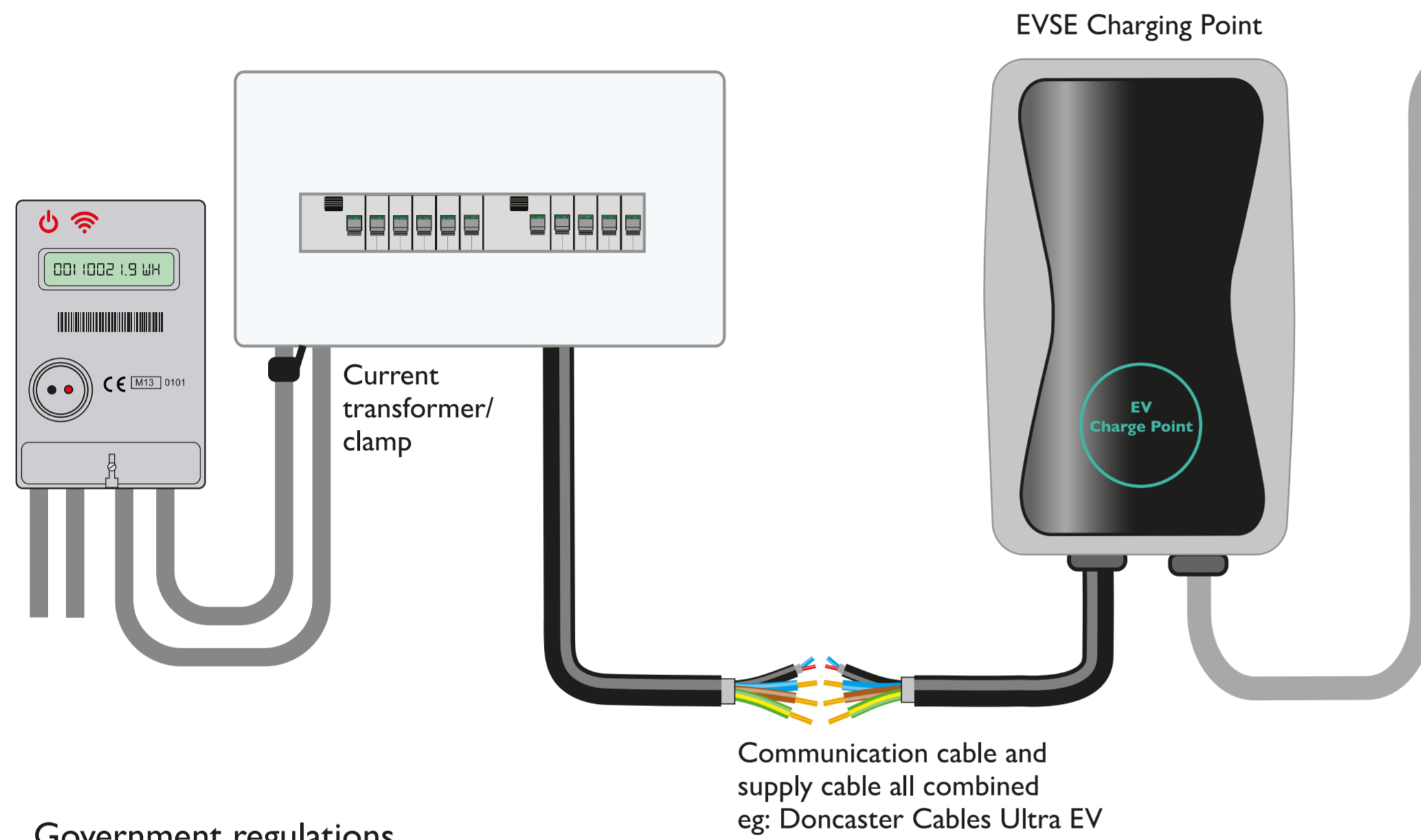


# Clear Thinking with Kewtech

## EV Installation and Testing



### Government regulations

The regulations ensure charge points have smart functionality, allowing the charging of an electric vehicle when there is less demand on the grid, or when more renewable electricity is available. The regulations also ensure that charge points meet certain device-level requirements, enabling a minimum level of access, security and information for consumers.

### KEWEVA

Put the rotary dial on the KEWEVA into the Off position. And if conducting the electrical safety tests connect a suitable measuring instrument like the KT66DL to the 4 mm connectors on the KEWEVA observing the required polarity. Connect the KEWEVA adapter to either a tethered or untethered charging point.

Turn the rotary dial into the Ready position. The KEWEVA will test for the correct communication signal from the charging point, if this is incorrect the 'Comms Error' LED will flash red. If all is OK the 'Ready' LED will illuminate blue.

Turn the rotary dial to the Charge position. The 'Charge' LED will illuminate green and the phase indication LEDs, L1, L2, L3 will illuminate according to whether a single phase or three phase connection has been made.

The electrical safety test can now be made.

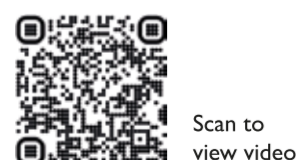


### Tests recommended

Functionality of EVSE by way of a KEWEVSE adapter

Electrical Safety tests using an EVSE adapter and an advanced MFT (KT66DL) to test:

- a) Type B RCDs
- b) Type A RCDs
- c) 6 mA RDCDDs
- d) Loop impedance



Scan to view video

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 some charge points can take several moments to reset themselves / respond to a change in status.

