

## **Wiring Instructions for AS1420 & AS1421 Hook up Boxes**

**March 2025.**

These instructions only apply to the above boxes and not the multiple variants that we do.

### **Supply:**

- Consideration needs to be given to the size and type of cable used to supply these boxes.
- An adequately sized and rated cable should be installed by a competent registered Electrical Contractor, the TLC cable calculations can be used to help with this. Consideration should be given to the distance from the supply, conditions of the location to be sited and how many hook ups are to be fed from this cable.
- Our single hook up AS 1420 should be fed by a 16A minimum supply again with consideration to the above.
- Our Double hook up AS1421 needs to be supplied by at least a 32amp supply again with consideration to its distance and location etc.
- Ideally and in normal circumstances, the supply cable would be a SWA type armoured cable which is buried in the ground at a minimum depth of 450mm and identified by a UPVC warning tape.
- If these units are used on the side of a building or inside then other cable options would be compatible.
- Appropriate IP rated glands should always be used to ensure these boxes remain watertight.

### **Connection:**

- There are 3 connection terminals inside the As1420 & As1421 hook ups.
- These 2 boxes come with 2.5mm to 6mm terminals as standard.
- Please ensure that you connect the Live supply to the "L" marked terminal on the left-hand side.
- Please ensure that you connect the negative supply to the terminal marked "N" in the centre position.
- Finally, please ensure that only the green/yellow earth conductor is connected to the terminal of the same colour.
- Please ensure that all terminals are torqued up to 2.3Nm.