

Power Pole (MTP1) - Installation Instructions.

Please ensure that all current **IIE Wiring Regulations** are complied with during the installation of this Power Pole.

It is important that the installer familiarises himself with all the parts of this Power Pole as shown in the diagram. Any shortages must be reported to Marco Cable Management as soon as possible

Installation of a Power Pole in conjunction with a suspended ceiling.

1. If the suspended ceiling is already in place, remove sufficient ceiling tiles to allow access to position the power pole.

2. The power pole must be positioned so that the force of the jacking screw is taken by a concrete ceiling..

3. Having decided the position for the installation of the power pole, measure the floor to concrete ceiling height accurately. Remove the power pole from the packaging taking care not to mark the anodised finish. Remove all parts from the power pole and replacing them in the box. Deduct 60mm from the overall height and cut the power pole to length using a fine blade hacksaw. It is important that the power pole be cut square so care should be taken to achieve this. De-bur all cut edges.

4. Secure floor mount (item C) to the floor using the correct type of fastening system for the floor type. If the power pole is to be fed from under floor services, drill access holes as required through the base of the floor mount floor and floor.

5. Position the jacking mechanism (item D) in the centre hole of the power pole and set the height from the ceiling plate to the power pole body to 35mm. This is achieved by turning the M12 nut upwards until the correct distance is reached.

6. Position the power pole into the floor mount and adjust the jacking mechanism upwards until the power pole is secure. Check that the power pole is vertical in both planes using a spirit level.

7. Mark through the position of the two securing holes on the ceiling plate and then lower the jacking mechanism. Remove the power pole from the floor mount. Remove the ceiling plate from the jacking mechanism and then secure the ceiling plate to the ceiling using the correct fastening system for the ceiling type.

8. Ensure that the jacking mechanism screw is located in the end of the power pole. Re-locate the power pole in the floor mount and then turn the M12 nut on the jacking mechanism screw clockwise, locating the end of the screw into the ceiling plate. Replace the M6x30 securing bolt and secure using M6 nut. Turn the M12 nut clockwise until the power pole is secure and any movement is eliminated. Tighten the M6x15 pan head screw located in the jacking mechanism screw. This will lock the whole assembly in position.

9. It is important to connect the earth wire from the incoming mains to the earth post located on the jacking mechanism using the terminal connector and M6 nut supplied for this purpose. Check that all earth connections are secure and that continuity is maintained between the power pole and jacking mechanism.

10. Position socket boxes (item B) as required. Use the accessory spacers provided to position the socket boxes evenly. Use the divider (item G) if any segregation of any services to outlets is required.

11. All wiring can now be located in readiness for connecting accessories.

12. The outer lids (item F) can now be cut to size. Starting at the base of the power pole, secure the lid between socket boxes stopping 95mm short from the top of the suspended ceiling. Replace the ceiling tiles cutting neatly around the power pole body.

13. The ceiling shroud (item E) can now be clipped into position. The ceiling shroud should be located tight against the ceiling tiles.

14. Any accessories can now be installed to the socket boxes. Again, it is very **IMPORTANT** to check that all earthing connections are secure and that continuity exists.

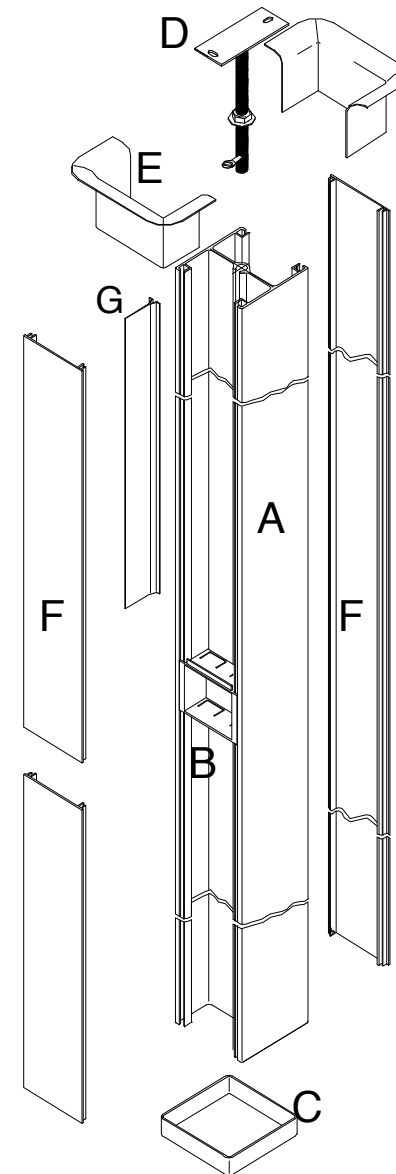
Installation of a Power Pole between a standard floor and ceiling.

1. The power pole must be positioned so that the force of the jacking screw is taken by either a roof joist or a concrete ceiling.

2. Follow the same procedure as described previously for the installation of the floor mount, power pole, jacking mechanism and socket boxes.

3. The outer lids (item F) can now be cut to size. Starting at the base of the power pole, secure the lid between socket boxes stopping 35mm short from the top of the power pole body.

4. The ceiling shroud (item E) can now be clipped into position. The ceiling shroud should be located tight against the ceiling using the double sided sticky tape provided.



A – POWER POLE
B – SOCKET BOX
C – FLOOR MOUNT
D – JACKING MECHANISM
E – CEILING SHROUD
F – PVC LID
G – DIVIDER
1 PACK OF ACCESSORY SPACERS (MTLS)

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