



# Technical Bulletin

## TB 0318 – Support Pedestals on Ind / Com Link



### Purpose

To advise the amendment to the installation of the IND / COM LV pillar terminations (Endeavour Energy SAP Material No. 1000005342 and Manufacturers part No. TAP10515).

### Background

Traditionally the IND / COM LV pillars were installed in commercial areas and contained two or three mains cables.

### Review

Following a gradual increase of designs submitted for certification utilising the IND / COM board for single 4 core 240mm<sup>2</sup> Aluminium mains cable terminations a review of the termination installation and the associated installation instruction was carried out.

The review found that currently used suitably sized approved mains pillar lids will now fit over the board with pedestals in place and allow the securing D Bolts to be installed.

### Implementation

If the panel is supported by 2 or 3 mains cables, then the support pedestals should be removed according to the current installation instructions.



However, if the design requires the installation of a single, mains cable:

- The support pedestals must remain in place.
- The fixing screws that attach the pedestals to the pillar base (as shown at left) during cable installation must be removed after cable termination.
- The pedestals must be perfectly parallel to the pillar base top to enable installation of the suitably sized approved pillar lid and securing bolts.

Step 14 in the Manufacturers installation instruction will be amended accordingly.

The relevant clause/s in MCI 0006 will be reviewed and amended accordingly.

### Other clarifications for IND / COM LV pillar terminations

120mm<sup>2</sup> Cu insulated tails on the front of the board provide the opportunity to connect services larger than 50mm<sup>2</sup>, but ≤ 120mm<sup>2</sup>.

Cu services ≤ 185mm<sup>2</sup> can be connected on the rear of the board if there are vacant ports.

### Training

No training is required.

### Impacted Standards

MDI 0028 – Underground Distribution Network Design

MCI 0006 – Underground Distribution Construction Standards Manual

### Contact

Adrian George, Senior Engineering Officer – (Mains) Asset Planning & Performance - 0429 000 203