

Mains Connection Boxes

As the name suggests, Mains Connection Boxes are utilised to connect overhead electrical supply mains from the electrical utilities supplier to a building. They are usually permanently fixed on the outside of a building upon a roof fascia board, under eaves, or on a riser bracket near the building's roofline.

Mains Connection Boxes shall:

- Comply with AS/NZS3100 (Approval and test specification - General requirements for electrical equipment)
- Provide compliance with AS 60529 (Degrees of Protection Provided by Enclosures)
- Be black in colour and be of a high gloss finish
- Include models for either copper or aluminium conductors
- Include models for either fused or non-fused connections
- Include provision for at least one size conduit entry (645 Series) or two conduit sizes (650 Series or 651 Series)
- Have terminals that accommodate up to 16mm² Active and Neutral screen cables (where Neutral screen cable is used)
- Be rated to withstand up to 500V (exception being Clipsal 651 or 651A, which is rated to withstand up to 250V).