

**TECHNICAL INFORMATION** (Plug pins standard: AS/NZS 3112)

The domestic mains power supply in Australia and New Zealand has a nominal rated voltage of 240V at 50 Hz. Products may be indicated with 250V (maximum acceptable voltage).

**AS/NZS 3100**

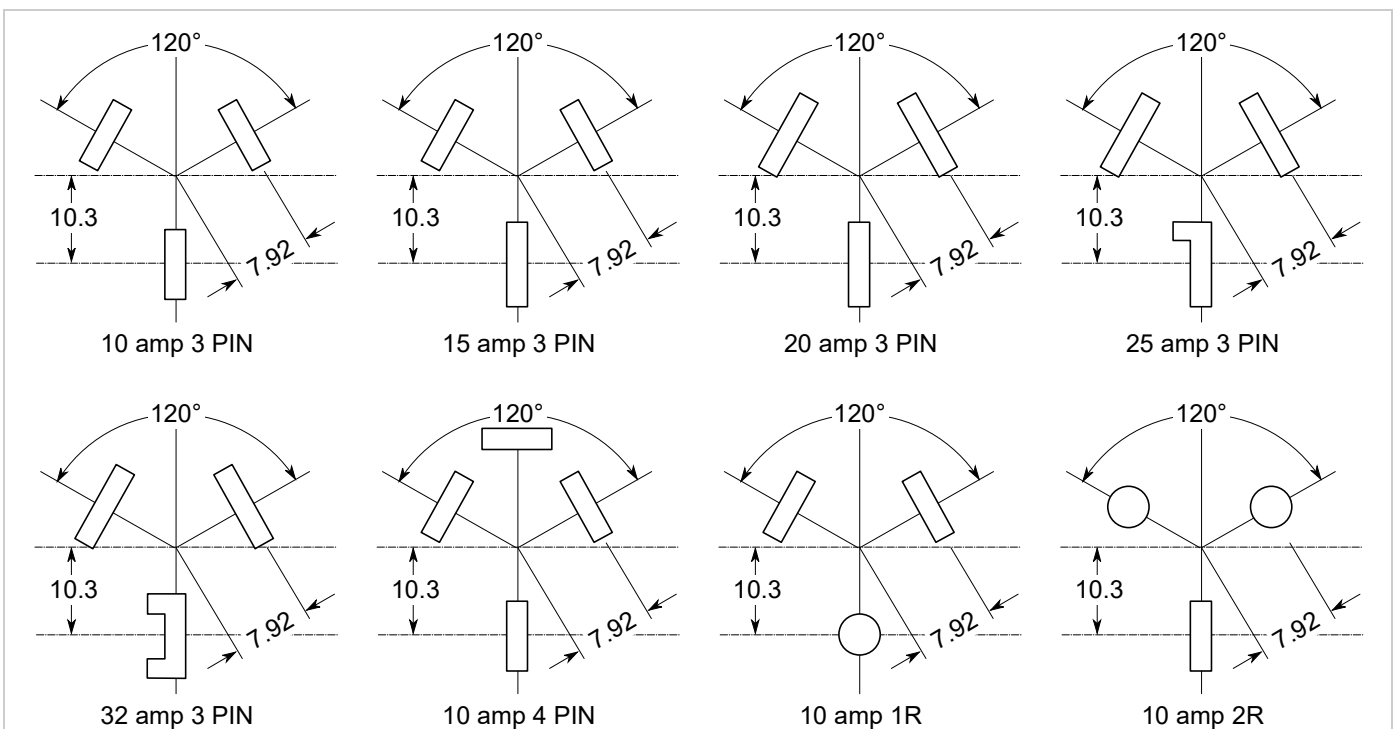
This standard specifies the general safety requirements for equipment used in electrical installations in buildings and is one of a series of approval and test specifications issued by "Standards Australia" and "Standards New Zealand", to protect users against hazards from the operation of electrical equipment.

**AS/NZS 3112**

Several plug and socket outlet versions are covered with the Standard AS/NZS 3112. Commercial versions 10A and 15A with partial insulated plug pins (L+N, according AS/NZS 3112:2004), as well as versions for higher rated currents of 20A, 25A and 32A used for industrial applications.

All versions are backward compatible with each other and have flat pins with different width. The grounding pins of the 10A to 20A versions are flat, whereas 25A version has a "L" shaped angled grounding pin and 32A version has an "U" shaped grounding pin. The sockets accept plugs of equal or lower rated current, but no plugs with a higher current rating. For example, a 10A plug will fit all sockets, whereas a 15A plug fits outlets only with a rated current of 15A, 20A, 25A or 32A.

For commercial applications there are some further 10A versions available for specific applications with round and with flat pins in combination.

**PLUG PIN CONFIGURATIONS AND DIMENSIONS****Nominal Dimensions in mm.**

**All diagrams:** socket front view

**All flat pins:** 1.63mm thick

**All round pins:** 4.75mm diameter

**Pin width:**

**10A** — 3x 6.35mm (3 pin), 4x 6.35mm (4 pin)

**15A** — 2x 6.35mm (Active, Neutral), 1x 9.08mm (Earth)

**20A** — 3x 9.08mm

**25A** — 2x 9.08mm, 1x (9.08 x 2.8)mm "L" shape

**32A** — 2x 9.08mm, 1x (9.08 x 2.8)mm "U" shape

**SUPPORT**

- For more information, refer to Standards Australia AS/NZS 3112
- Buy the standard AS/NZS 3112 form Publisher SAI Global's InfoStore
- See Wikipedia topic about AS/NZS 3112 for AC Plugs and Socket outlets

**Visit our Website for latest information and product availability.**