

# PowerConnections

## Euro / Australian plug CP3 Technical Data & Fitting Instructions

### Description

The 2 Pin European VDE to Australian Converter Plug (CP3) is an adapter that converts the European CEE VII VDE Plug to the AS NZS 3112 system format. The plug is designed and manufactured to meet the requirements of AS NZS 3112. It complies fully with the LVD and Plug and socket safety regulations. The design of the clamping method ensures the body of the European CEE VII plug is enclosed.

Notes: The European plug must be wired to a HAR certified supply cord, or Australian approved.

Warning: The CP3 is not approved for use with integral plug power supply units (power adaptors).

### Classification

- Adapter, Single Portable,
- Non Re-wireable plug, fitted with tamperproof screw,
- Normal Use,
- Converts CEE7 plug top power supplies and CEE7 plugs to the AS NZS 3112 Format,
- Suitable for class 2 devices (unearthed) only.
- Not suitable for any other plug system.

### Certification

- ASA approval number ASA-154010-EA (Compliance valid only when fitted to appropriate plug and cord types)

### Relevant Standards:

- AS/NZS 3112:2017 +A1: Approval and test specification—Plugs and socket-outlets
- AS/NZS 3100:2017 +A1+A2+A3: Approval and test specification – General requirements for electrical equipment.

### Rating

- |                            |  |
|----------------------------|--|
| - Voltage                  | 250V ac (Nominal)                        |
| - Current                  | 2.5 Amps.                                |
| - Frequency                | 50 Hz                                    |
| - Environmental Protection | IP 3X (STD AS NZS 3112 Accessory Rating) |
| - Flammability             | V2 (External Casing)                     |
| - Mechanical Strength      | 100 Drops @ 500mm                        |
| - Colour                   | Black or White                           |
| - Weight                   | 50 Grams Typical                         |
| - Finish                   | Plain and Fine Sparkle                   |
| - Retaining Screw          | Tamperproof                              |

Note: - Tolerance as per relevant Australian Standard.

### Safety Design Features

- Single screw operation to secure VDE plug
- No Loose parts

- Non-removable cover

## PowerConnections

- Plug Features designed to meet the requirements of AS NZS 3112
- Meets the requirements of the Australian Plug and socket regulations.

### Installation System

The Euro / Australian plug (CP3) is designed for use within the AS NZS 3112 Plug and Socket system only.

The Euro / Australian plug (CP3) should be fitted as follows

1. Insert the CEE7 plug in to the Europlug
2. Tighten the tamperproof retaining screw<sup>1</sup> to 6.12 Kgf.cm (MANDATORY)
3. TEST: Grip the CP3 and pull the VDE cordset/transformer to ensure fully secure, if not then increase the torque setting and further tighten. Re-test.
4. Now the CP3 is ready for use.

- *Note 1: - The torque setting is for hand screwdrivers, if required, please contact us for guidance regarding power screwdriver settings*

NOTE: Cover is non-removable; the screw does not release the cover.

### Service Conditions

- Temperature Range
  - Storage -40C to +70C Ambient
  - Working -50C to +40C 95% RH Ambient
- Altitude 2000m above sea level max
- Not subject to exposure to direct radiation from the sun
- Abnormal Condition – Avoid pollution by smoke, chemical and flammable fumes salt laden spray, periods of high humidity > 95% relative humidity (RH)

