

# PowerConnections

## European Converter Plug Specification

### Description

The 2 Pin European VDE Converter Plug (ECP) is an adapter that converts the European CEE VII VDE plug to the BS 1363 system format. The plug is designed and manufactured to meet the requirements of BS 5733. It complies fully with the LDV and Plug and Socket safety regulations. The design of the clamping method ensures the body of the European CEE VII plug is enclosed.

### Classification

- Adapter, Single portable,
- Re-wircable plug,
- Fused,
- Normal use,
- Converts European CEE VII plug to the BS 1363 format.
- Suitable for Class 2 devices (unearthed) only.
- Not Suitable for any other plug system.

### Certification

- BSi Kitemark to BS 5733

### Relevant Standards

- BS 5733 — Electrical Accessories
- BS 1363 — Plug Features
- BS 1362 — Fuse link

### Rating

- Voltage 230V ac
- Current 2.5 amps continuous, 5 amps max.
- Load 1150 watts max.
- Frequency 50 Hz
- Environmental Protection IP 3X (STD BS1363 accessory rating).
- Fuse 3 or 5 amp BS 1362.
- Flammability V2 (external Casing)
- Mechanical Strength 1000 grams @ 500mm
- Colour Black or White
- Weight 50 grams typical
- Finish Plain and fine sparkle
- Retaining Screw Plain or Tamperproof

Note: - Tolerance as per relevant British Standard

### Safety Design Features

- Double mechanical interlocks to prevent the ECP from being inserted into the socket outlet without the cover and retaining screw being properly secured.
- Hinged cover
- External fuse access, opening of ECP not required
- No loose parts
- Plug features designed to meet the requirements of BS1363.
- Meets the requirements of the DTI Plug and Socket regulations.

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## Installation System

The European Converter Plug (ECP) is designed for use within the BS1363 Plug and Socket system only, as defined by the IEE Wiring Regulations BS 7671

## Fitting

The European Converter Plug (ECP) should be fitted as follows:

1. Insert the Power Supply into the plug.
2. Close lid
3. Tighten retaining screws. Now the ECP is ready for use.

NOTE: - If the cover does not close fully, this may mean that the power supply has not been correctly fitted, check, and rectify before use.

## Service Conditions

- Temperature Range
  - Storage -40 °C to +80 °C Ambient
  - Working -05 °C to +35 °C 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)