

# PowerConnections

## European Converter Plug Technical Data & Fitting Instructions

### Description

The 2 Pin European VDE Converter Plug (ECP) is an adapter that converts the European CEE VII VDE (50075) plug to the BS 1363 system format. The plug is designed and manufactured to meet the requirements of BS 1363-5. 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-wireable plug,
- Fused,
- Normal use,
- Converts European CEE VII plug to the BS 1363-5 format.
- Suitable for Class 2 devices (unearthed) only.
- Not Suitable for any other plug system.

### Certification

- BSi Kitemark 23223

### Relevant Standards

- BS 1363-5
- 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, White or Clear PC
- 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 VDE Plug into the ECP Conversion plug.
2. Close lid
3. Tighten retaining screw to 0.5Nm (5.10Kgf.cm).
4. Now the ECP is ready for use.

*NOTE 1:* - If the cover does not close fully, this may mean that the VDE Plug has not been correctly fitted, check, and rectify before use.

*NOTE 2:* - Not all CEE7 plugs are suitable for use with the ECP due to their shape; the retention of the CEE7 plug should be checked for suitability, if in doubt contact PowerConnections

## 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)

