

# PowerConnections

## European Converter Plug Technical Data & Fitting Instructions

### Description

The 2 Pin European VDE Converter Plug (PC 8338) 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, and the CEE VII plug cannot pull out in normal use.

### Classification

- Adapter, Single portable,
- Re-wireable 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 1363-5

### Relevant Standards

- BS 1363-5 — Electrical Accessories
- BS 1362 — Fuse link

### Rating

- Voltage 230V ac
- Current 8 amps continuous, 8 amps max.
- Load 1150 watts max.
- Frequency 50 Hz
- Environmental Protection IP 3X (STD BS1363 accessory rating).
- Fuse 3, 5 or 10 amp BS 1362.
- Flammability V2 (external Casing)
- Mechanical Strength 1000 grams @ 500mm
- Colour Black, 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

- The PC 8338 cannot be inserted into the socket outlet without the cover and retaining screw being properly secured.
- Hinged cover
- External fuse access, opening of PC 8338 not required
- No loose parts
- Plug features designed to meet the requirements of BS1363.
- Meets the requirements of the DTI Plug and Socket regulations.

### Installation System

The European Converter Plug (PC 8338) is designed for use within the BS1363 Plug and Socket system only, as defined by the IEE Wiring Regulations BS 7671

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## Fitting

The European Converter Plug (PC 8338) should be fitted as follows:

1. Insert the VDE Plug into the PC 8338 Conversion plug.
2. Close lid
3. Tighten retaining screw to 0.5Nm (5.10Kgf.cm).
4. Now the PC 8338 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.

## Service Conditions

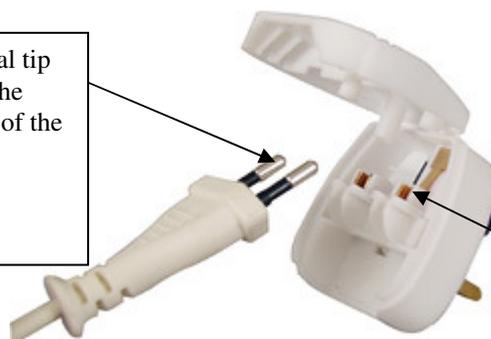
- Temperature Range
  - Storage -40 °C to +80 °C Ambient
  - Working -05 °C to +35 °C 95% RH Ambient
- Altitude 2000m above sea level max.
- Not subject to exposure to direct radiation from the sun
- Abnormal Condition - Avoid pollution by smoke, chemical and flammable fumes salt laden spray, periods of high humidity > 95% relative humidity (RH)



### Special note:

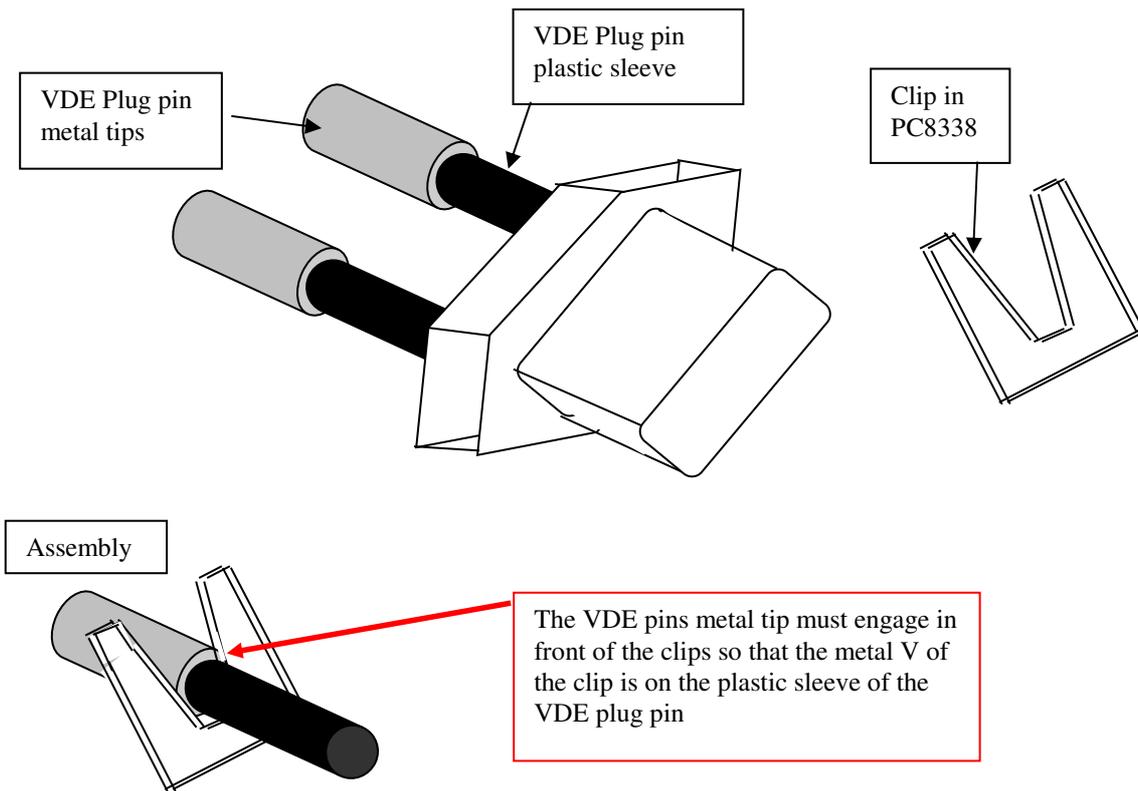
When installing the VDE plug into the PC8338 it is important that the pins of the VDE plug are fully in front of the metal clips of the PC8338 to ensure that the VDE plug cannot pull out (see detail below details)

The VDE pins – the metal tip must engage in front of the clips so that the metal V of the clip is on the plastic



PC8338 clips

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Once the VDE plug is correctly fitted close the cover and tighten the screw

