

PowerConnections

'Plug-top Power Supply' Plug (PCP) Technical Data & Fitting Instructions

Description

The 'Plug-top Power Supply' Converter Plug (PCP) is an adapter which converts the European CEE7 2 pin plug-top power supply to the BS 1363 system format. The plug is designed and manufactured to meet the requirements of BS 5733. It complies fully with the LVD and Plug and Socket safety regulations and is CE marked in accordance. The design of the clamping method ensures the body of the CEE7 plug is enclosed and the loading are taken by the whole plug-top PS and adapter.

Classification

- Adapter, Single portable,
- Re-wireable plug,
- Fused,
- Normal use,
- Converts CEE7 plug-top power supplies and CEE7 plugs 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
- CE marked

Relevant Standards

- BS 5733 — Electrical Accessories
- BS 1363 — Plug Features
- BS 1362 — Fuse link
- BS EN 61558 — Transformers

Rating

- Voltage 230V ac
- Current 5 amps max,
- Load 1250 watts max.
- Frequency 50 Hz
- Environmental Protection IP 3X (STD BS1363 accessory rating).
- Fuse 3, 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 PCP from being inserted into the socket outlet without the cover and retaining screws being properly secured.
- Hinged cover
- External fuse access, opening of PCP 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 'Plug-top Power Supply' Converter Plug (PCP) is designed for use within the BS1363 Plug and Socket system only, as defined by the IEE Wiring Regulations BS 7671

Fitting

The 'Plug-top Power Supply' Converter Plug (PCP) should be fitted as follows:

1. Insert the Power Supply into the plug.
 2. Close lid ¹
 3. Tighten retaining screws ² to 0.4N.m (4.08Kgf.cm)
 4. Now the PCP 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: - This torque setting is for hand screwdrivers, if required, please contact us for guidance regarding power screwdriver settings*

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)

