

PowerConnections

Europlug CP1 Technical Data & Fitting Instructions

Description

The 2 Pin European VDE Converter Plug (CP1) 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 LVD and Plug and socket safety regulations and is CE marked in accordance. The design of the clamping method ensures the body of the European CEE VII plug is enclosed. It is tested and CE marked for use with plug top power supplies (e.g. mobile phone chargers).

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 (Nominal)
- Current 8 amps continuous, 10 amps max.
- Load 2000 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 Drops @ 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

- External fuse access, opening of CP1 not required
- Single screw operation to secure VDE plug
- No Loose parts
- Non-removable cover
- 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 Europlug (CP1) is designed for use within the BS1363 Plug and Socket system only, as defined by the Wiring Regulations BS 7671.

Fitting

The Europlug (CP1) should be fitted as follows

1. Insert the power supply or CEE7 plug in to the Europlug
2. Tighten retaining screws ¹ to 6.12 Kgf.cm
3. TEST: Grip the CP1 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 CP1 is ready for use.

- *NOTE 1: This 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 -40 °C to +70 °C Ambient
 - Working -05 °C to +40 °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)

