

PowerConnections

Euro / Indian CP2 Technical Data & Fitting Instructions

Description

The 2 Pin European VDE to Indian Converter Plug (CP2) is an adapter that converts the European CEE VII VDE Plug to the BS 546 system format. The plug is designed and manufactured to meet the requirements of BS 546. It complies fully with the LVD and Plug and socket safety regulations. The design of the clamping method ensures the body of the European CEE VII plug is enclosed. It is tested for use with plug top power supplies (e.g. mobile phone chargers).

Classification

- Adapter, Single Portable,
- Re-wireable plug,
- Normal Use,
- Converts CEE7 plug top power supplies and CEE7 plugs to the BS 546 Format,
- Suitable for class 2 devices (unearthed) only.
- Not suitable for any other plug system.

Certification

- Intetek marked **ET-R0310853** to BS 546

Relevant Standards

- BS 546
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 (BS546 Accessory Rating) |
| - Flammability | V2 (External Casing) |
| - Mechanical Strength | 100 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

- Single screw operation to secure VDE plug
- No Loose parts
- Non-removable cover
- Plug Features designed to meet the requirements of BS 546
- Meets the requirements of the Indian Plug and socket regulations.

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Installation System

The Euro / Indian plug (CP2) is designed for use within the BS 546 Plug and Socket system only.

Fitting

The Euro / Australian plug (CP2) should be fitted as follows

1. Insert the power supply or CEE7 plug in to the Europlug
2. Tighten retaining screws to 6.12 Kgf.cm
3. TEST: Grip the CP2 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 CP2 is ready for use.

NOTE: Cover is non-removable; the screw does not release the cover.

Service Conditions

- Temperature Range
 - Storage -40C to +70C Ambient
 - Working -50C to +40C 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)



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