

PowerConnections

Euro/SABS 164-2 to SABS164-1/Indian - CP5 Technical Data & Fitting Instructions

Description

The 2 Pin European VDE to Indian Converter Plug (CP5) is an adapter that converts the European CEE VII VDE and SABS 164-2 (IEC906-1) Plug to the BS 546 system format, and SABS164-1 South Africa. The plug is designed and manufactured to meet the requirements of BS 546, and SABS164-1. 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 & SABS 164-2 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 and SABS 164-2 (IEC906-1) plugs to the BS 546 and SABS164-1 Format,
- Suitable for class 2 devices (unearthed) only.
- Not suitable for any other plug system.

Certification - SABS marked to BS 546, and SABS164-1

Relevant Standards - BS 546, SABS164-1
BS EN 61558 – Transformers

Rating

- Voltage 250V ac (Nominal)
- Current 10 amps continuous, 10 amps max.
- Load 2500 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 55 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, and SABS164-1
- Meets the requirements of the Indian and South African Plug socket regulations.

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Installation System

The Euro / Indian plug (CP5) is designed for use within the BS 546 and SABS164-1 Plug and Socket system only.

Fitting

The Euro / South African plug (CP5) 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 CP5 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 CP5 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 in non-removable; the screw does not release the cover.

Service Conditions

- Temperature Range
 - Storage -40°C to +80°C Ambient
 - Working -5°C to +70°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)

