

# PowerConnections

## 2 Pin Schuko Converter Plug Technical Data & Fitting Instructions

### Description

The 2 Pin Schuko Converter Plug (SCP) is an adapter that converts the European IEC 83:1975 Standard C 1b 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. The design of the clamping method ensures the body of the European IEC 83:1975 Standard C 1b plug is enclosed.

### Classification

- Adapter, Single portable,
- Re-wireable plug,
- Fused,
- Normal use,
- Converts European IEC 83:1975 Standard C 1b 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 5733

### Relevant Standards

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

### Rating

- Voltage 230V ac
- Current 13 amps max,
- Load 3000 watts max.
- Frequency 50 Hz
- Environmental Protection IP 3X (STD BS1363 accessory rating).
- Fuse 10, 13 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 SCP from being inserted into the socket outlet without the cover and retaining screw being properly secured.
- Hinged cover
- External fuse access, opening of SCP not required
- No loose parts
- Plug features designed to meet the requirements of BS1363.
- Meets the requirements of the DTI Plug and Socket regulations.

Supplied by Sandal plc to J Wagner GmbH on 11th May 2011

# PowerConnections

## Installation System

The 2 Pin Schuko Converter Plug (SCP) is designed for use within the BS1363 Plug and Socket system only, as defined by the IEE Wiring Regulations BS 7671

## Fitting

The 2 Pin Schuko Converter Plug (SCP) should be fitted as follows:

1. Insert the Schuko Plug into the SCP.
  2. Close lid<sup>1</sup>
  3. Tighten retaining screw<sup>2</sup> to 0.5Nm (5.1 Kgf.cm)
  4. Assembly complete
- *NOTE: - If the cover does not close fully, this may mean that the Schuko 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)

## SCP FITTING INSTRUCTIONS 2 Pin Schuko (non-earthed)



### Diagram 1

Product as received

Open lid "A"

Product now ready to use, see diagram 2

Supplied by Sandal plc to J Wagner GmbH on 11th May 2011

# PowerConnections



## **Diagram 2**

Get plug and install in to clips, fit plug into SCP as shown, and close lid, see diagram 3.

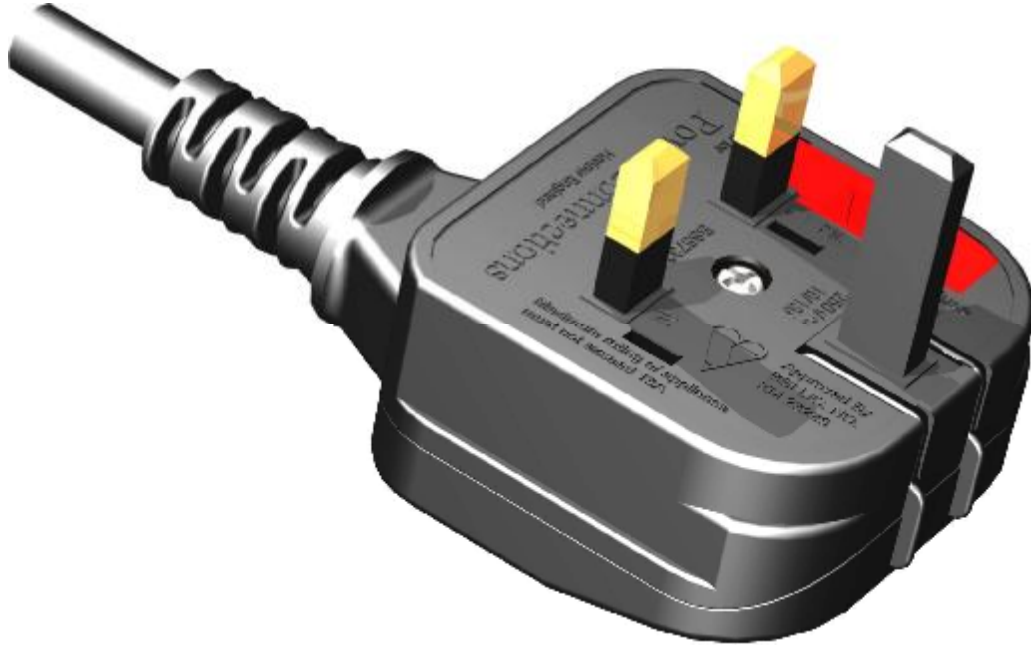
Supplied by Sandal plc to J Wagner GmbH on 11th May 2011



### **Diagram 3**

Close lid SCP is now ready to screw up, see diagram 4.

# PowerConnections



## **Diagram 4**

Tighten screw to a torque of 0.5 Nm (Maximum)

Fitting complete

Supplied by Sandal plc to J Wagner GmbH on 11th May 2011