

# PowerConnections

## 3 Pin Swiss Converter Plug (SCH3) Technical Data & Fitting Instructions

### Description

The 3 Pin Swiss Converter Plug (SCH3) is an adapter that converts the European Shuko plug to the Swiss CH-Type 12 plug format. The SCH3 conversion plug is designed and manufactured to meet the requirements of SEV 1011 and IEC 60884-1, and complies fully with the Low Voltage Directive 2014/35/EU and Swiss Regulations SR 734.26. The design of the clamping method ensures the European Shuko plug is permanently retained to the SCH.

### Classification

- Adapter: Single portable,
- Normal use,
- Converts European Shuko to the SEV 1011 format.
- Suitable for Class 1 devices (earthed) only
- Not Suitable for any other plug system.

### Certification

- Electrosuisse Certificate number IK-3611

### Relevant Standards

- SEV 1011:09+A1:12 — Electrical Plugs and Sockets  
IEC 60884-1:2002/AMD2:2013 – General requirements  
of Plugs and Socket-outlets for Household and similar  
purposes

### Rating

- |                            |                                   |
|----------------------------|-----------------------------------|
| - Voltage                  | 250V ac                           |
| - Current                  | 10 amps max,                      |
| - Load                     | 2500 watts max.                   |
| - Frequency                | 60 Hz                             |
| - Environmental Protection | IP 3X (STD accessory rating).     |
| - Flammability             | V2 (external Casing)              |
| - Mechanical Strength      | 1000 grams @ 500mm                |
| - Colour                   | Black or White                    |
| - Weight                   | 30 grams typical                  |
| - Finish                   | Plain and fine sparkle            |
| - Retention                | Permanent by internal star washer |

Note: - Tolerance as per relevant Swiss Standards

### Safety Design Features

- SCH3 is supplied in a tight fitting tube, which comes off following insertion of the Schuko plug.
- No loose parts

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- Plug features designed to meet the requirements of SEV 1011, and Swiss regulations SR 734.26 NEV.
- Meets the requirements of IEC 60884-1.

## Dimensions:

Width	37mm
Height	37mm
Overall length of SCH	57mm
Diameter of tube	41mm
Length of tube	48mm
Overall length of Tube and SCH3	58mm

## Fitting

The 3 Pin Swiss Converter Plug (SCH3) should be fitted as follows:

1. Do not remove the SCH from the tube at this stage



2. With the SCH3 still inside the installation tube place onto a firm flat surface and insert the grounded Schuko Plug into the SCH3.
3. Push the Schuko Plug fully home
4. Pull the assembly out of the tube
5. Ensure there is no visible gap between the SCH3 and the Schuko plug
6. Assembly complete

## Service Conditions

- Temperature Range
  - Storage: -40 °C to +80 °C Ambient
  - Working: -15 °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)

