

Shaver/Toothbrush Supply Units

Standards and approvals

Shaver/Toothbrush supply units comply with BS 61558-2-5: 1998

Accommodates plugs as follows:

- British 5mm dia pins on 16.6mm pitch (230V socket) to BS 4573: 1970.
- European 4mm dia pins on 17 to 19mm pitch (230V socket) to IEC 83: 1975 Standard C5.
- Australian 6.5 x 1.6 flat blades each set at 30° to the vertical on a nominal pitch of 13.7mm (230V socket) AS C112: 1964.
- American 6.6 x 1.6 flat horizontal blades on 12.7mm pitch (115V socket) to ANSI C73.10.

Note:

K706WHI is a Non UK Shaver/Toothbrush Supply Unit



Technical specification

Electrical

Voltage rating:

K701: 230V a.c. Input (will operate at 220-250V a.c.)

K706: 127V a.c. Input (will operate at 110-130V a.c.)

230V or 115V nominal outputs

Current rating:

K701: 200mA max. (internal thermister trip current)

K706: 400mA max. (internal thermister trip current)

Maximum load:

20VA

No load voltage < 275V

Terminal capacities:

Each terminal will accommodate 1 x 4mm² or

2 x 2.5mm² solid conductors*

Physical

Ambient operating temperature:

-5°C to +40°C

IP rating:

IP41 (In Zone 2 if fixed where direct spray from showers is unlikely)

Max. installation altitude:

2000 metres

*The design of this unit means that on no load the transformer output is allowed to be as high as 275V. This means that rechargeable shavers and toothbrushes intended for use on the continent may be damaged by the inrush current created by this higher voltage. Rechargeable shavers and toothbrushes with a wide range of input voltage should be recharged at 115V. Shavers and toothbrushes manufactured for the UK are designed to be used with a transformer unit. Loads in excess of 20VA may cause the solid state overload to operate before shaving is completed. This is to protect the transformer.

Description

Designed for ease of installation and having many of the advantageous design features of the Logic Plus™ range.

May be used in bathrooms and washrooms – must only be installed in accordance with BS 7671: 2008.

Features

- Bottom access terminal screws make wiring quicker and easier
- Automatic primary supply switching on insertion of plug
- Choice of 230V or 115V output socket positions
- Safety interlocked shutters to prevent insertion of two plugs simultaneously
- Only one size of screwdriver required for installation
- Terminal screws supplied 'backed out' and held captive within the terminal moulding
- Printed terminal markings on grey rear mouldings for clearer identification
- Front plate fixing screws retained on rear case moulding
- Integral over current device to protect transformer
- Suitable for use with electric toothbrush chargers

Installation

Shaver/Toothbrush supply unit should be wall mounted.

Wiring

An installation instruction leaflet is available. List no. 44994 PL.

Dimensions (mm)

