



Technical Hotline  
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# Wiring Devices Technical

## – MK Base

### Shaver Supply Unit

#### Standards and approvals

Compliance to IEC 61558-2-5:2010 and  
BSEN 61558-2-5:2010

#### PRODUCT RANGE:

| GANG   | DESCRIPTION                         | PRODUCT CODE |
|--------|-------------------------------------|--------------|
| 2 GANG | 115/230V SHAVER SOCKET<br>50Hz/60Hz | MB701WHI     |

#### MOUNTING BOXES (INTERNAL DEPTH):

| GANG   | FLUSH          | SURFACE         |
|--------|----------------|-----------------|
| 2 GANG | 878 ZIC (46mm) | 2172 WHI (44mm) |

#### TECHNICAL SPECIFICATION

##### ELECTRICAL

##### INPUT VOLTAGE RATING

220 - 240V a.c. 50/60 Hz

##### OUTPUT VOLTAGE RATING

230 V a.c. and 115 V a.c.

##### TERMINAL CAPACITY

200mA maximum (internal thermistor trip current)

##### MAXIMUM LOAD

20VA

No Load Voltage <275V\*

\*The design of this unit means that on no load the transformer output is allowed to be as high as 275V. To protect the transformer, loads in excess of 20VA may cause the solid state overload to operate before shaving is completed.

##### ACCOMMODATE PLUGS

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

##### PHYSICAL

##### AMBIENT OPERATING TEMPERATURE

Shaver units shall be suitable for use under the following conditions:

- an ambient temperature in the range -5 °C to +40 °C
- the average value over 24 h not exceeding 25 °C;

NOTE - Under normal conditions of use, the available cooling air is subject to natural atmospheric variations of temperature and hence the peak temperature occurs only occasionally during the hot season, and on those days when it does occur it does not persist for lengthy periods.

##### IP RATING

IP41

##### MAX. INSTALLATION ALTITUDE

2000 metres



#### Caution Of Use

Shaver units shall be suitable for use under the following conditions:

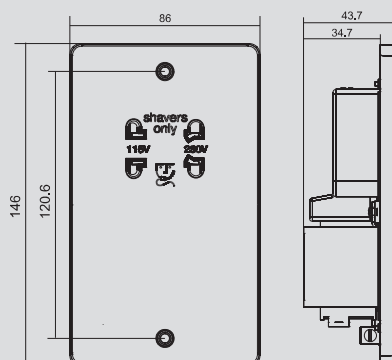
- an ambient temperature in the range -5 °C to +40 °C
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#### FEATURES

- 230VAC or 115VAC output for choice
- Safety interlocked shutters to prevent insertion of two plugs simultaneously
- Integral over-current device to protect transformer
- Automatic primary supply switching on insertion of plug
- Top access terminals make wiring quicker and easier
- Fixing screws hidden by screw caps
- Printed symbols on the front
- Ideal to be used in bathrooms and washrooms

- Made from urea which has inherent antimicrobial properties\*
- Independently tested to the latest industry standard - ISO 22196:2011
- Bacteria kill rates over 24 hours:
  - MRSA – 99.98%
  - Klebsiella Pnaemonia – 99.78%
  - E.Coli – 99.99%
  - Listeria – 99.97%
  - Salmonella – 99.98%
  - S.Aureus 6538p – 99.99%
- Virus kill rate over 24 hours
  - Phi-X174 (internationally recognised as the standard for anti-viral testing) – 99.99%



2 Gang: 86mm x 146mm  
Fixing Centres: 120.6mm  
Frontplate Thickness: 9.0mm

\*Screw caps are made from polycarbonate.

Reference colour code for urea components: RAL9001