

# BX2000

## Water heating boost control

This simple boost control is intended for use with electric water heating systems when the immersion heater(s) are controlled by the Electricity Company's Radio Teleswitch, Radio Telemeter or Tariff time-switch.

The BX2000 allows the user to 'top up' the hot water if extra supplies are needed during the daytime, with the main water heating taking place overnight, using off-peak electricity.



### Applications

- For use with Off-peak overnight tariffs - with or without an extra day time Off-peak period - where a tankful of hot water is available each morning and a boost timer is required to provide a 'top-up' facility during the day time.

### Benefits

- Makes the most effective use of the latest cheap-rate tariff structures, electronically
- Always gives priority to Off-peak supply.
- Simplified installation
- Easy one-hour or two-hour boost.

### Features

- 1-hour or 2-hour boost.
- Automatically cancels any boost that has been selected prior to the Off-peak supply becoming available.
- Indicator lights show when 'boost' or 'Off-peak' are operational.
- Separate indicator lights for 1 and 2-hour boost selection.
- Separate boost cancel button.
- Incorporates 2 double pole switches - 1 for 24-hour supply and 1 for Off-peak
- Accepts all incoming and outgoing wiring for single, dual or 2 separate 3kw immersion heater applications.





## Technical specifications

### Electrical

Contact rating	13 Amps 230V AC Suitable for immersion heaters up to 3kw
Contact type	Disconnection to immersion heater on double-pole switch
Power supply	230 V 50Hz

### Environmental

Pollution degree	Degree 2
Enclosure protection	IP30

### Features

Shock protection	Class 1
Live parts	Enclosed
Operating temperature range	0 °C to 35 °C
Time period	1 or 2 hours

### Mechanical

Dimensions	170 x 115 x 62mm
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### Compliance

British standards	Designed to meet BS-EN 60730-2-7
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