



# HORSTMANN



## **E7BX & BX2000** Water Heating Boost Controls

These simple controls are intended for use where cheap overnight heating of water is controlled by the Electricity Company's Radio Teleswitch, Radio Telemeter or tariff time switch.

### **E7BX**

Designed to accept wiring from both 24 hour and off peak circuits

Adjustable 0 - 120 minute run-back boost timer

Simple to install and use

### **BX2000**

Makes the most effective use of the latest cheap-rate tariff structures, electronically

1 hour or 2 hour boost

Always gives priority to off-peak supply

**Horstmann.**  
**Together,**  
**we're in control.**

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## SPECIFICATION

**CONTACT RATING**  
13 Amps 230V AC Suitable for immersion heaters up to 3 kW  
Type 1 Control

**CONTACT TYPE**  
BX2000: Disconnection to immersion heater(s) on double-pole switch  
E7BX: Disconnection to "Off Peak" immersion heater on double-pole switch

**SUPPLY**  
230V 50/60Hz

**POLLUTION DEGREE 2**

**ENCLOSURE PROTECTION**  
IP 30

**SHOCK PROTECTION**  
Class 1

**LIVE PARTS**  
Enclosed

**OPERATING TEMPERATURE RANGE**  
0°C to +35°C

**TIMER BOOST DURATION (E7BX only)**  
0 - 120 minutes

**TIME PERIOD (BX2000 only)**  
1 or 2 hours

**DIMENSIONS-**  
E7BX: 170mm wide x 115mm high x 56mm deep (excluding knobs)  
BX2000: 170mm wide x 115mm high x 62mm deep (excluding rocker switches)

**MOUNTING BOX MATERIAL**  
Thermoplastic, flame retardant

**BRITISH STANDARDS**  
BX2000 and E7BX:  
Designed to meet BS-EN 60730-2-7  
BEAB APPROVED (E7BX only)



## E7BX

Simple to install and use

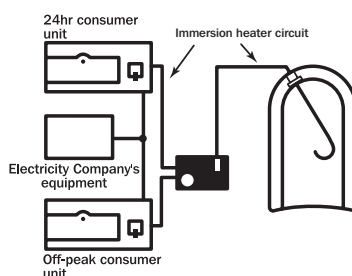
Boost period adjustable between 0 and 120 minutes

Neon indicator shows when boost timer is running

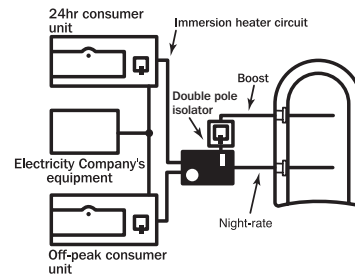
Can be used with one or two immersion heaters

Suits earth-leakage circuit breaker installations

Single immersion heater



Two immersion heaters



## BX2000

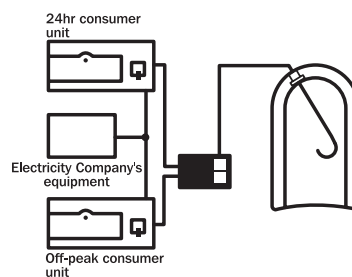
Automatically cancels any boost that has been selected prior to the off-peak supply becoming available

Indicator lights show when 'boost' or 'off-peak' are operational

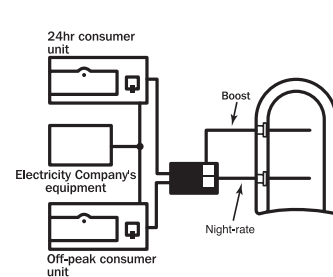
Incorporates two double pole switches: one for 24 hour supply: one for off-peak (cheap rate) supply

Accepts all incoming and outgoing wiring for single, dual or two separate 3 kW immersion heater applications

Single immersion heater



Two immersion heaters



**HORSTMANN**

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