

TIMERS

BN Thermic's range of timers has been devised to ensure the lowest possible running costs for a heating system.

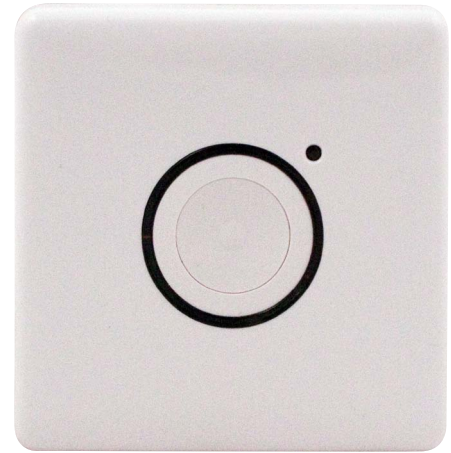
TS-3 Pre-programmed Push Button Timer

Application

- Generally used with shortwave radiant heaters such as a BN Thermic's HWP2 patio heaters
- An energy saving device preventing shortwave heaters being energised unnecessarily
- Safe to install and leave outdoors

Specification

Mounting	Surface
Adjustable Time Delay	2 minutes to 2 hours
Switching Capacity	16A 230V (larger loads and 3-phase loads can be switched via a suitable rated contactor)
Voltage Supply	230V
Contacts	Single pole, single throw
Dimensions	85 x 85 x 67
Ingress protection:	IP66
Special Features	Blue locator light illuminated when heating 'off' Red LED indicates 1 minute of operation remaining



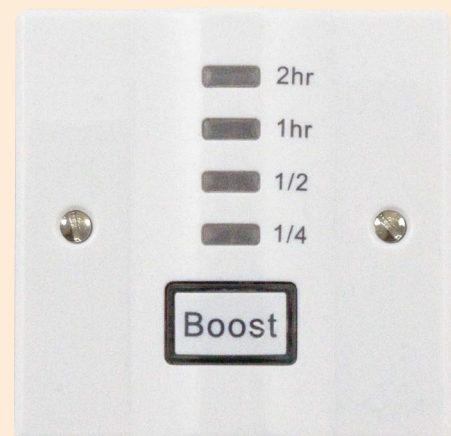
TS-4 Push Button Timer (User Selectable Time Delay)

Application

- Generally used with shortwave radiant heaters such as a BN Thermic's HN Series Shortwave Infrared Heaters
- An energy saving device preventing shortwave heaters being energised unnecessarily
- For indoor use in facilities such as school buildings and community halls

Specification

Mounting	Recessed into 25mm (minimum) back-box
Time Delay	User selects 15 minute/ 30 minute / 1 hour / 2 hour
Switching Capacity	13A 230V (larger loads and 3-phase loads can be switched via a suitable rated contactor)
Voltage Supply	230V
Contacts	Single pole, single throw
Dimensions	85 x 85 x 31
Ingress protection:	IP20
Special Features	LED indicates 2 minutes of operation remaining Time setting can be changed at any time during cycle Provides a means of switching off heating



TIM-D1 24 Hour/7 Day Programmable Timer

Application

Ideal for use with BN Thermic's range of Hard Case Tamperproof Thermostats to provide economic and yet adaptable heating control packages

Features

- Daily and weekly programmes
- Display Illumination (can be switched off)
- Memory card supplied as standard (can be used for programme override)
- PIN protection (optional)
- Date controlled holiday programme
- Automatic summer/winter time changes
- Integral count-down timer with run time up to 23 hours 59 minutes and activated by TIM-B1 remote push button. When used with a Hard Case Thermostat, the TIM-B1 Push Button will provide a boost to comfort temperature during a period when the system is in 'off' or 'set-back' mode. Once the pre-programmed run time has elapsed, the system will revert to the programme. The boost signal can be cancelled by depressing the TIM-B1 Push Button for 3 seconds.
- Dimensions: 86 x 35 x 66
- Optional terminal cover TIM-E1



TIM-D1 and Enclosure TIM-E1

TIMERS

Model	Description
TS-3	Pre-programmed Push Button Timer
TS-4	Push Button Timer (User Selectable)
TIM-D1	Programmable Timer
TIM-E1	Terminal enclosure for TIM-D1 timer
TIM-B1	Push Button for use with TIM-D1 (provides temporary boost)



TIM-B1 Push Button

Typical BN Thermic Control System

