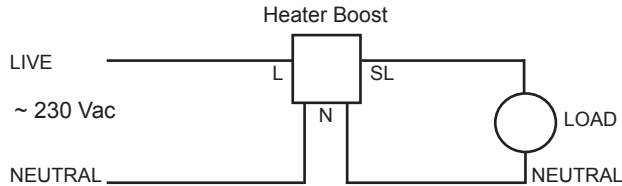


# DANLERS

## Installation notes

### Wiring diagram



### Troubleshooting

#### The heater boost resets itself off:

- The supply to the heater boost switch must be permanent, it should not be wired in series after another timer device.

#### The main heating timer is not functioning:

- The heater boost switch can only be wired in parallel with relay output timer units, otherwise the output of the other timer may be damaged.

### Precautions and Warranty

This product conforms to BS EN 60669-2-1.

Please ensure the most recent edition of the appropriate local wiring regulations are observed and suitable protection is provided e.g. 6 amps over current, 1kV over voltage. Please ensure that this device is disconnected from the supply if an insulation test is made.

This product is covered by a warranty which extends to 5 years from the date of manufacture.

### Products available from DANLERS

- PIR occupancy switches • Daylight linked dimmers • Manual high frequency dimmers
- Photocells • Radio remote controls • Time lag switches • Outdoor security switches
- Dimmers • Heating, ventilation and air-conditioning controls • Bespoke / O.E.M. products

Please call for more information or a free catalogue, or visit our website.

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Company Registered Number 2570169 VAT Registration Number 543 5491 38



### Plated heater boost switch

TLSW HB

TLSW HB BP

TLSW HB BP1246

DANLERS plated heater boost switch can be mounted onto a standard back box and needs a neutral connection. It can switch a resistive heating load up to 3kW.

The plate incorporates four red LEDs, each representing a different remaining time range. Each time the button is pressed the remaining time advances to the next value, giving a longer time lag. If the button is pressed when the fourth LED is lit the load is switched off.

The four time lags periods are as follows:

TLSW HB	Marked plate with ¼, ½, 1 and 2 hour periods
TLSW HB BP	Blank plate with ¼, ½, 1 and 2 hour periods
TLSW HB BP1246	Blank plate with 1, 2, 4 and 6 hour periods

The heater boost switch can be wired in parallel with any other relay output timers as a manual override.

### Loading

These switches can only be connected to a 230V, 50Hz ac supply. They can switch up to 13 amps (3000W) of Resistive loads Or they can also switch up to 1 amp (250W) of fans For larger loads they can be used to operate a contactor.

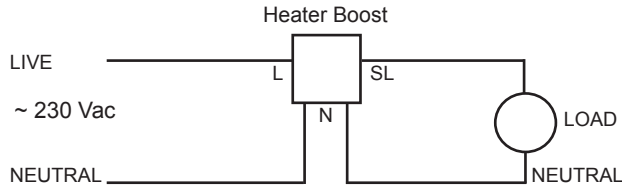
### Installation procedure

1. Please read these notes carefully before commencing work.  
In case of doubt please consult a qualified electrician.  
Make sure the power is isolated from the circuit.  
Remove the top and bottom lugs if using a 4 lug metal back box.
2. The TLSW HB switches have a terminal block on the reverse, which should be connected as shown in wiring diagram overleaf:

L	Live input
SL	Switched Line output
N	Neutral (two neutral terminals are available)

3. Turn on the supply and test the function of the switch.

### Wiring diagram



### Troubleshooting

#### The heater boost resets itself off:

- The supply to the heater boost switch must be permanent, it should not be wired in series after another timer device.

#### The main heating timer is not functioning:

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