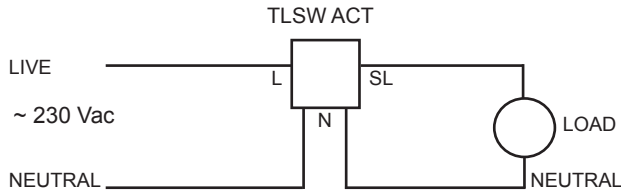


Wiring diagram



Troubleshooting

The air conditioning 'time-on' switch resets itself off:

- The supply to the air conditioning 'time-on' switch must be permanent, it should not be wired in series after another timer device.

The main air conditioning timer is not functioning:

- The air conditioning 'time-on' 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. 13 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 air conditioning 'time-on' switch

TLSW ACT

DANLERS plated air conditioning 'time-on' 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 ACT Marked plate with ¼, ½, 1 and 2 hour periods

The air conditioning 'time-on' switch can be wired in parallel with any other relay output timers as a manual override.

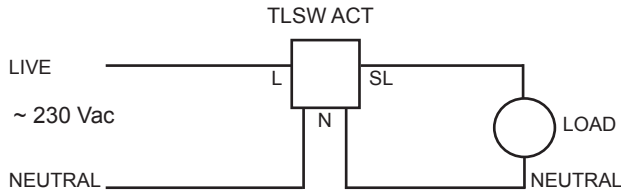
Loading

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 ACT switch has 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 air conditioning 'time-on' switch resets itself off:

- The supply to the air conditioning 'time-on' switch must be permanent, it should not be wired in series after another timer device.

The main air conditioning timer is not functioning:

- The air conditioning 'time-on' 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

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