

# DANLERS

# Time Lag Switch

## with illuminated push button

24/05/07

### INSTALLATION INSTRUCTIONS

INS 531

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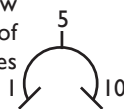
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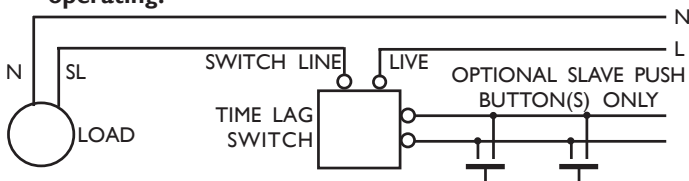
This time lag switch will switch on any connected load as a simple replacement for an existing one-way switch. No neutral wire is needed. The time lag may be adjusted by inserting a narrow screwdriver (flat) through the hole at the lower edge of the switch. The range is from 1 minute to 10 minutes (factory preset to approx. 5 minutes).



1. Read these notes before commencing work.
2. In case of doubt, consult a qualified electrical contractor.
3. Make sure power is switched off from the circuits you are working on by removing appropriate fuses, or switching off appropriate isolating switches.
4. Remove the existing switch from the wall box and transfer the sets of wires to the terminals of the time lag switch and replace on the wall box. There is a separate terminal block for optional remote push buttons which may be wired in parallel. The push button(s) must be mains rated, push to make.
5. The maximum load must not exceed 6 amps, with a 230VAC supply. The minimum load is 40W per TLSW 10 ILM in the circuit. If wired in parallel, when one of the TLSW 10 ILM is on, the other TLSW 10 ILMs will stop being illuminated (while the load is on).
6. The circuit diagram is as below:-

**Mains must not be connected to the slave push button terminal block.**

**After connecting the supply wait for half a minute before operating. \***



7. To operate, press the illuminated time lag switch or a connected push button to switch the load on. The load is switched off automatically after the time lag has elapsed.

\* If the switch is operated too soon, a magnetic latching relay inside it will come on permanently. In order to make the relay go off it is necessary to knock the switch on the edge with, say, a screwdriver handle, or to tap the edge of the switch on a table. Check with a meter to ensure the contacts have opened between Live and Switch Line.



Time lag range: 1 to 10 minutes  
No neutral wire needed  
Loading: up to 6 amps (1500W) of any type of load,  
including fluorescent lights  
The minimum load is 40 watts per TLSW 10 ILM  
Full installation instructions enclosed  
Order code: TLSW 10 ILM