

## 10AX LIGHT SWITCHES 1 WAY, 2 WAY, INTERMEDIATE, PULSE

### SAFETY WARNING

Before use please read carefully and use in accordance with these safety instructions. Before commencing any electrical work ensure the supply is switched OFF at the mains. Either by switching off the consumer unit or by removing the appropriate fuse. This product should be installed in accordance with the relevant sections of the building regulations code and in accordance with the latest edition of IEE regulations (BS 7671).

If the unit is to be used as a replacement for an existing product, remove the existing unit from its location and disconnect the wiring. Connect the wires as shown in diagram. Ensure terminals are properly tightened and ensure no bare wires are visible. When pushing back into the backbox ensure no wires are trapped. Read the instructions carefully before starting the installation process and keep them safe for future reference.

**IF IN ANY DOUBT, PLEASE CONTACT A QUALIFIED ELECTRICIAN.**

### WARNING

**Do not exceed the load rating as shown on the back of the product**

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### INSTALLATION

**IMPORTANT: PLEASE READ ALL THE SAFETY WARNINGS BEFORE COMMENCING ANY WORK.**

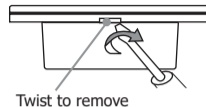
1. Remove trim cover to access fixing holes by inserting a flat headed screw driver into the aperture on the under side of the switch and twist to remove. Take care and attention not to damage the glass with the screwdriver.
2. Remove the fixing screws (2) from the bag supplied.
3. Undo the terminal screws until they no longer obstruct the cable entry holes.
4. Trim wires to correct length allow cable to reach terminals comfortably.
5. Strip back the insulation (plastic sheath) on the cable to approx 7 to 8mm.
6. Caution: An earth wire must be fitted if a metal mounting box is used.
7. If mounted into a plastic mounting box the earth lead must be fully insulated to prevent earth wire touching live parts or a push-in earth terminal.
8. Connect the wires to the correct terminals according to the marking on the back of the product and wiring diagram.
9. When replacing a switch, take note of the wire positions and terminal markings on the old switch.
10. Carefully push the wired unit back into the mounting box, ensuring the cables are not trapped or pinched.
11. Fit and tighten the fixing screws as supplied. Do not over tighten the screws as it may cause damage to the front plate or the mounting box threads.

**Technical queries should be made to Retrotouch Technical Sales and Service Department Tel: +44 (0) 1293 279426 email: support@retrotouch.co.uk**

**Products certified in accordance with BS EN60669 standard.**

### REMOVING THE GLASS COVER

To remove trim cover insert a flat headed screw driver into the aperture on the under side of the switch (as shown) and twist to remove.



### MOUNTING BOX

10A 1 or 2 Way 1,2,3 Gang (25mm back box)

10A 1 or 2 Way 4 Gang, Intermediate, Retractive (35mm back box)

### SPECIFICATION

Rated Voltage: 250V ~

Rated Current: 10AX

Dimension: 86 x 86 mm

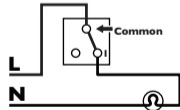
## ONE/TWO WAY 10AX SWITCH

One way is used to control one light (circuit) from one switch position only.

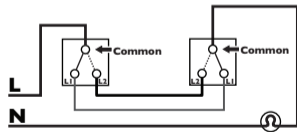
Two way is used to control one light from two separate two way switches.

Please follow the wiring diagram below and ensure the safety warning and installation guide are read and followed before commencing any work.

1 Way Switching



2 Way Switching

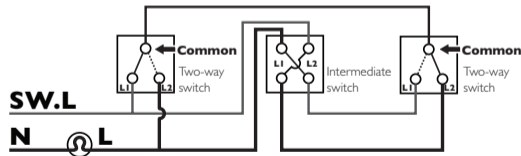


## INTERMEDIATE 10AX SWITCH

Intermediate is used to control one light from three or more switches and should be used with two way switches as shown in wiring diagram below.

Please follow the wiring diagram to the right for the switches and ensure the safety warning and installation guide are read and followed before commencing any work.

Two-way plus intermediate switching 3 wire control



## INTERMEDIATE LINK WIRES REQUIRED

1 Gang model:

Add a link wires between L1<sub>2</sub> to L2<sub>1</sub> and L2<sub>2</sub> to L1<sub>1</sub>

2 Gang model:

Add a link wires between L1<sub>2</sub> to L2<sub>1</sub>, L2<sub>2</sub> to L1<sub>1</sub>, L3<sub>2</sub> to L4<sub>1</sub> & L4<sub>2</sub> to L3<sub>1</sub>

