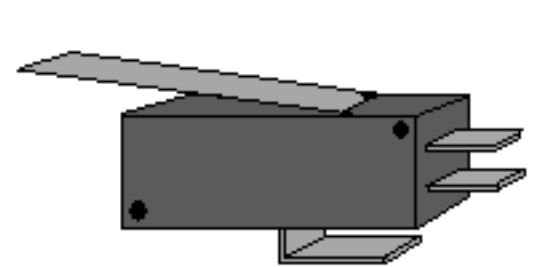
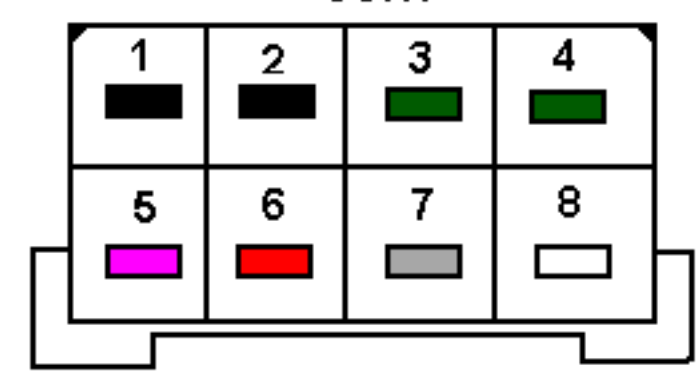


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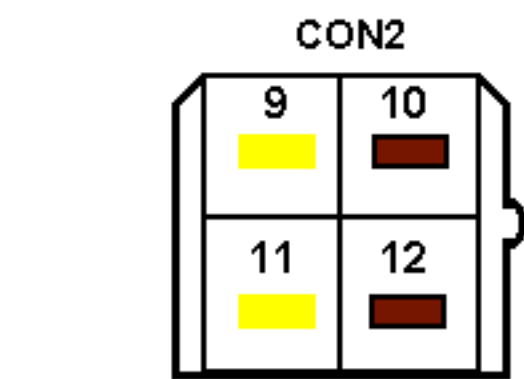
LONG LEVER MICRO SWITCH MSW1,2,3,4



**INTER CONNECTING PLUG / SOCKETS  
VIEWED FROM SOCKET WIRING SIDE**



- 1 - TO -V ON POWER SUPPLY
- 2 - TO MOTOR
- 3 - TO "B" ON DOWN TRIP MSW2
- 4 - TO "A" ON DOWN TRIP MSW2
- 5 - TO "A" ON UP SWITCH MSW1
- 6 - TO +V ON POWER SUPPLY
- 7 - TO "B" ON UP SWITCH /CUT OUT MSW1
- 8 - BLANK SPARE



- 9 - TO MAST SEATED SWITCH
- 10 - FROM AC INLET LIVE
- 11 - FROM MAST SEATED SWITCH
- 12 - TO AC IEC SOCKET ON BALLAST

**NOTES:**

MSW1 IS THE UP LIMIT SWITCH MOUNTED ON IT'S OWN RIGHT ANGLED PLATE AGAINST THE MAST WITH A 25MM HOLE THROUGH THE MAST TO ALLOW THE SWITCH ARM TO DROP AT THE MOMENT THE MAST REACHES THE PRE SET MAXIMUM HEIGHT.

MSW2 IS THE BOTTOM MAST LIMIT, MOUNTED TOGETHER WITH MSW3 AND MSW4 ON A RIGHT ANGLED PLATE AT THE BOTTOM OF THE MAST SECTION.

MSW3 IS THE NEGATIVE RELAY RETURN WHICH SWITCHES THE AC LIVE FEED TO THE BALLAST WHEN THE MAST IS SEATED IN THE BUCKET.

A SAFETY FEATURE WHICH STOPS THE LIGHT HEAD FROM BEING POWERED WHEN THE HEAD IS WITHIN IT'S BUCKET.

MSW4 DISCONNECTS THE BATTERY BACK UP WHEN THE MAST IS SEATED SHOWN ON BATTERY BACK UP SCHEMA.

THE UP AND DOWN SWITCHES ARE INTERLINKED SUCH THAT THERE CAN NOT BE A SCENARIO WHERE A USER TRIES TO RAISE AND LOWER AT THE SAME TIME !

THE SWITCH ACTUATOR BODIES MAY NOT BE IN THE ORIENTATION SHOWN IN THE WIRING HARNESS WHEN SUPPLIED. HOWEVER THE ABOVE IS CORRECT AND MUST BE FOLLOWED. MAKING THE ABOVE ASSEMBLY UP ON A JIG WITHOUT THE ACTUATOR BODIES.

**\*\* IMPORTANT TO NOTE THE SWITCH ORIENTATION. NOTE THE CENTRE KEYWAY AS THE SILK SCREEN NUMBERS ARE ONLY PRINTED ON ONE SIDE OF THE SWITCH BODY...**

THE WIRING COLOUR CODING ASSISTS IN IDENTIFICATION, AND FUTURE SERVICING.....DO NOT CHANGE.

