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**Gremarnig Holdings  
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 Trading as  
**Locksafe Industrial  
 Safety Equipment**

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 Singleton NSW 2330

Phone: 02 6571 1232  
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ABN: 24 109 254 293  
 ACN: 109 254 293

### Auxiliary Terminals:

A suitable hole must be drilled in the auxiliary cover plate and protective grommet installed to seal the cable entry point.

**Terminals 1 & 3** - are for use with the alternators which do not include surge protection system in their design. A separate contact set opens just prior to the main contacts providing a circuit to be used in series with the alternator field circuit. This arrangement prevents high voltage surges which would occur if the alternator were charging with the main contacts open.

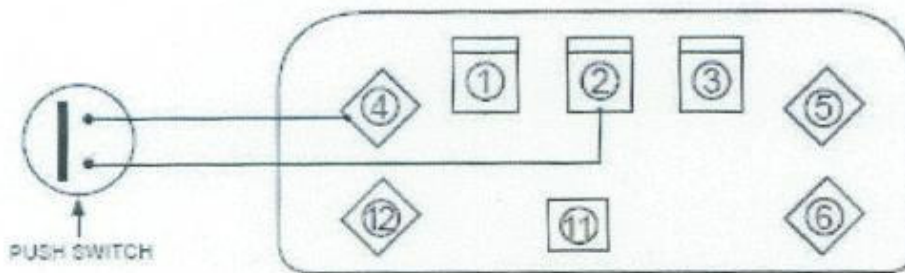
**Terminal 2** - provides a return circuit through terminal 4 for use of the solenoid. The use of this connection will allow the battery contacts to be opened electrically.

**Terminals 4 & 12** - are negative and positive supply sources which are connected via the main contacts.

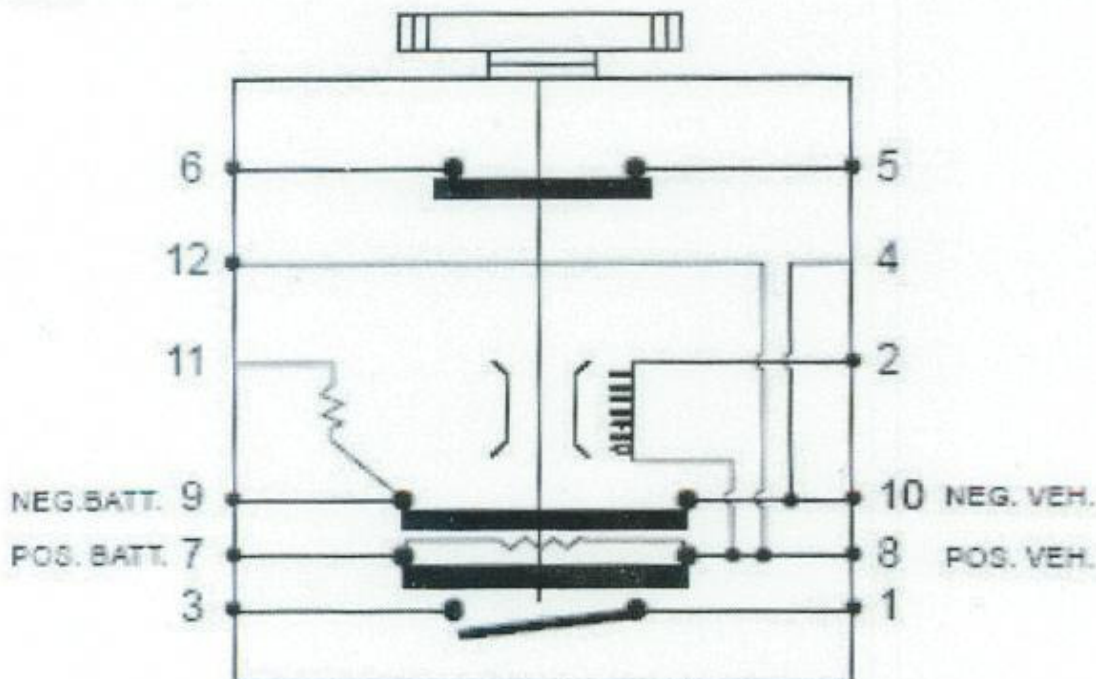
**Terminals 5 & 6** - are auxiliary contacts.

**Terminal 11** - is the negative connection for the vehicle tachograph. This connection enables the tachograph to operate when the switch is in the "OFF" position.

**NOTE:** Internal resistors are fitted across the main positive terminals & terminals 9 & 10 to provide for tachograph clock in the "OFF" position.



The remote cut off circuit can be connected between terminals 2 & 4.  
 (NOTE: A PUSH BUTTON SWITCH OF AT LEAST 50A PEAK MUST BE USED)





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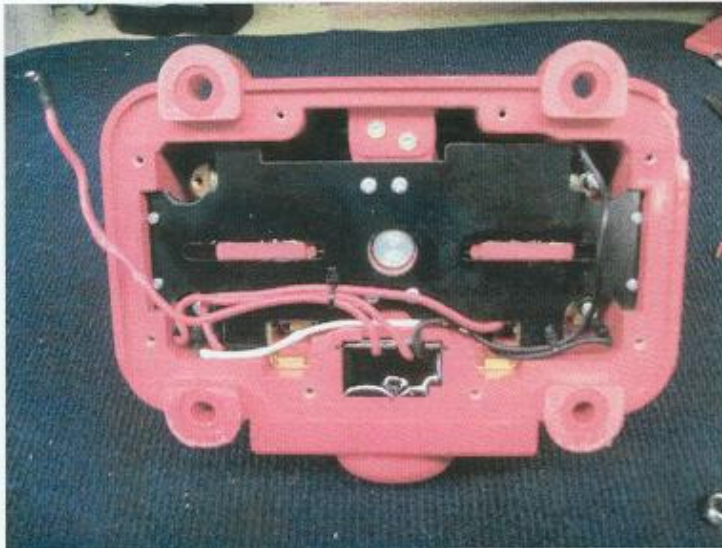
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**Subject; Constant Feed on Switch through Positive side.**



On these switches there is a constant feed which will give a reading of not being isolated across the positive side with the switch in the isolated (off) position.

**To disconnect the 560 ohm feed**

This is the back view of the LS13030 (Big Red) switch with the plate removed.

This runs on the positive side of the switch through terminal 7 and 8 when the switch is off.

Remove the red wire from the screw in the terminal or cut and insulate the wire which runs to terminal 7.

This removes the feed.

Replace cover ensuring gasket is in place correctly.

Picture shows the cut wire on top left of switch.(behind #7)

Any more information required please contact the Perth office.