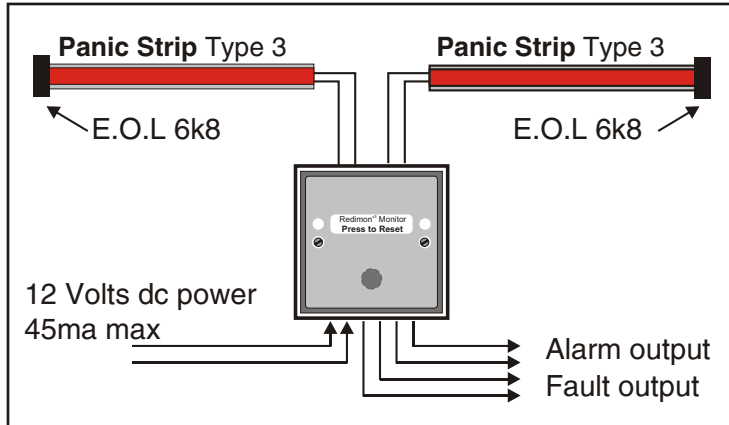


Redimon^{v3} Latching monitor unit for Panic Strip

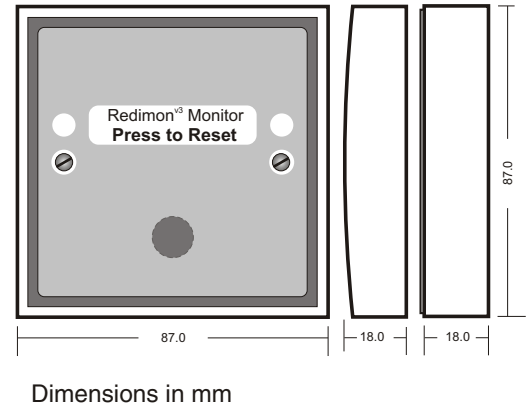
Mode 1 operation - Single push

Redimon is a latching monitor unit which fully monitors two lengths of **Panic Strip** to give independent alarm and fault conditions. An End of Line resistor is fitted at the remote end of each length of **Panic Strip**. Pressing the **Panic Strip** creates a short circuit which will be detected as an alarm condition. If the **Panic Strip** becomes disconnected in any way a fault condition is generated. The Redimon requires 12 volts dc and provides volt free changeover contacts for both alarm and fault. A Reset button is provided.

Redimon can also be used to create a double pole EOL circuit for any momentary action normally open device. E.g. Push button.



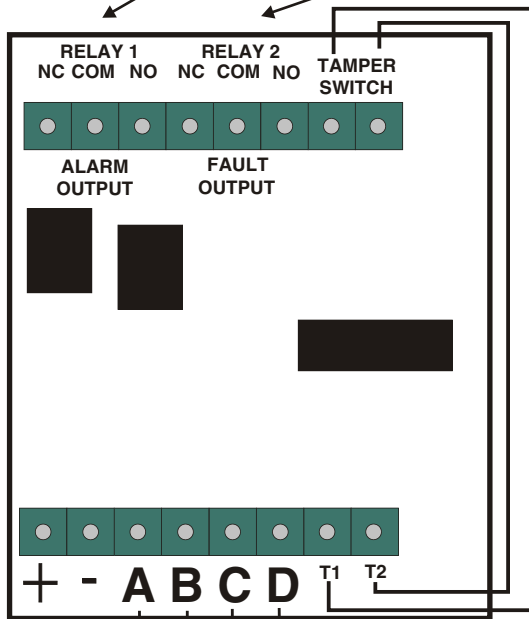
Dimensions



Redimon is supplied with two 6k8 end of line resistors fitted to the terminals AB and CD for test purposes. If only one length of **Panic Strip** is being monitored one of these resistors should be left in either AB or CD terminals and the other terminals used for the **Panic Strip**.

Any other type of non-latching open circuit button or switch could be wired across **Panic Strip** circuits to complement the system as in **Panic Strip 2** shown below.

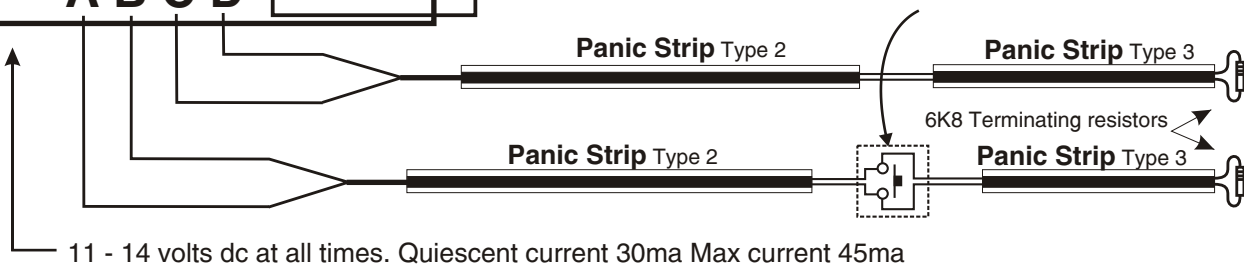
Use these changeover contacts to connect to the personal attack circuit of your intruder alarm.
Use these changeover contacts to connect to the tamper circuit of your alarm
These contacts are rated @ 30vdc 1A



NOTE Panic Strip SHOULD NEVER BE CONNECTED DIRECTLY TO MAINS VOLTAGE CIRCUITS. IT IS ONLY RATED FOR SAFE WORKING ON 43 VOLTS MAXIMUM.

T1 and T2 are normally closed. Opening this circuit will cause a fault until the circuit is closed again. If wired as shown, removing the unit cover will cause a fault to be indicated, until the cover is replaced.

Optional open circuit non-latching push button



11 - 14 volts dc at all times. Quiescent current 30ma Max current 45ma

Under normal circumstances the GREEN LED will be illuminated to show that power is on and the circuits are healthy. When either **Panic Strip** is operated the RED LED will illuminate and the alarm relay will change over. If either of the **Panic Strip** circuits becomes disconnected the RED and GREEN LEDs will alternate and the fault relay will operate, this will restore when the circuit has been repaired. To reset the **Panic Strip** from an alarm condition press the Reset button.



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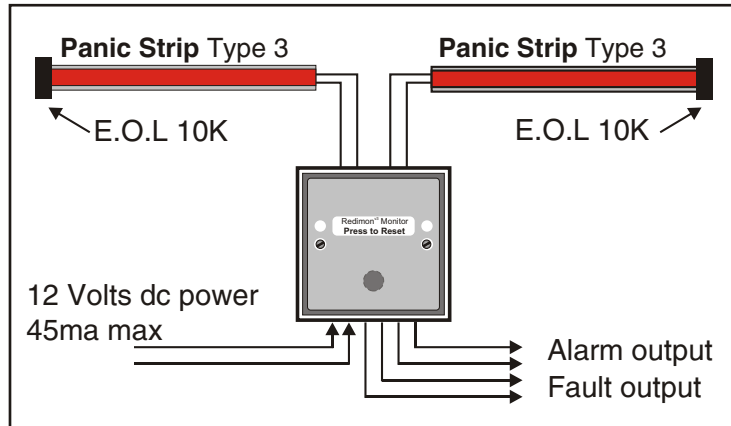
Dwg No: 60136 Oct 2011

Redimon^{v3} Latching monitor unit for Panic Strip

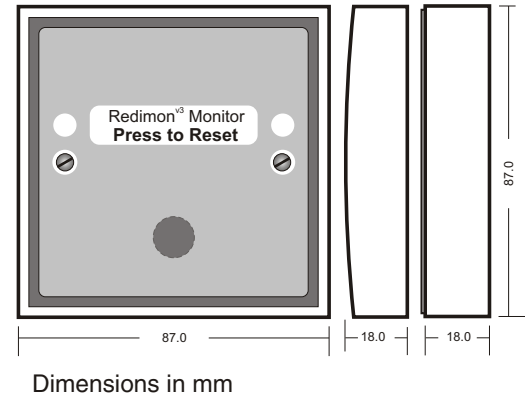
Mode 2 operation - Double push

In Mode 2 operation a 10K End of Line resistor is fitted at the remote end of each length of **Panic Strip**. Pressing either **Panic Strip** **twice**, within a **5 second** window will be seen as an alarm condition. This double action reduces the number of false alarms caused by accidental pressing. If the **Panic Strip** becomes disconnected in any way, or is held pressed for longer than 5 seconds, a fault condition is generated. The Redimon requires 12 volts dc and provides volt free changeover contacts for both alarm and fault. A reset button is provided.

Redimon can also be used to create a double pole EOL circuit for any momentary action normally open device. eg. Footswitch or pushbutton.



Dimensions



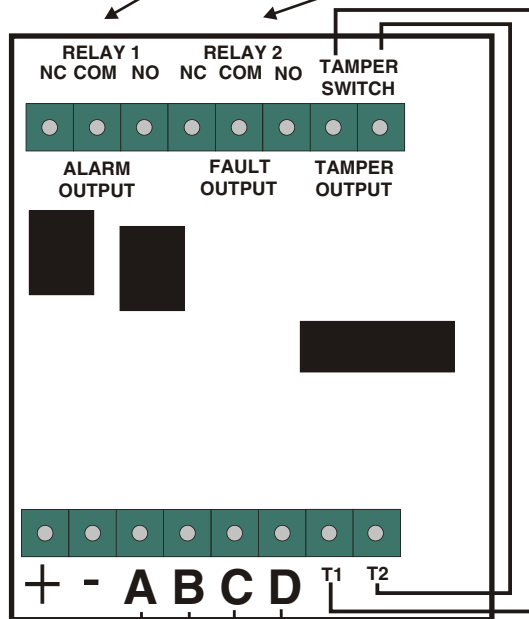
Redimon is supplied with two 6k8 end of line resistors fitted to the terminals AB and CD for Mode 1 operation and test purposes. These resistors should be replaced with ones of 10K value for Mode 2 operation. If only one length of **Panic Strip** is being monitored one of these resistors should be left in either AB or CD terminals and the other terminals used for the **Panic Strip**.

Any other type of non-latching open circuit button or switch could be wired across **Panic Strip** circuits to complement the system as in **Panic Strip 2** shown below.

Use these changeover contacts to connect to the personal attack circuit of your intruder alarm.

Use these changeover contacts to connect to the tamper circuit of your alarm

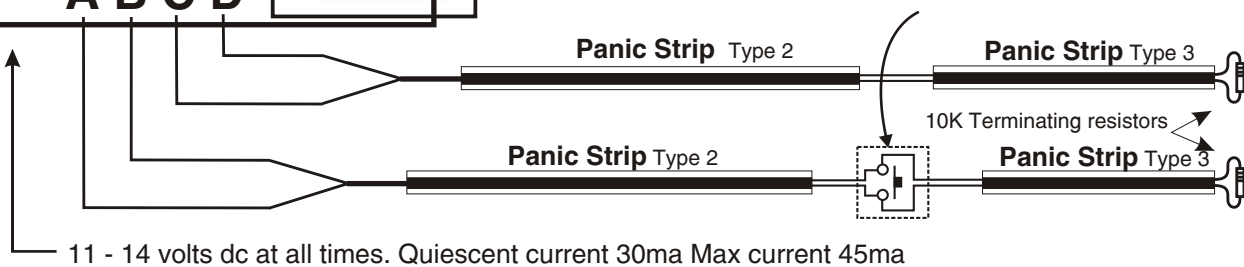
These contacts are rated @ 30vdc 1A



NOTE Panic Strip SHOULD NEVER BE CONNECTED DIRECTLY TO MAINS VOLTAGE CIRCUITS. IT IS ONLY RATED FOR SAFE WORKING ON 43 VOLTS MAXIMUM.

T1 and T2 are normally closed. Opening this circuit will cause a fault until the circuit is closed again. If wired as shown, removing the unit cover will cause a fault to be indicated, until the cover is replaced.

Optional open circuit non-latching push button



Under normal circumstances the GREEN LED will be illuminated to show that power is on and the circuits are healthy. When either **Panic Strip** is operated the RED LED will illuminate and the alarm relay will change over. If either of the **Panic Strip** circuits becomes disconnected the RED and GREEN LEDs will alternate and the fault relay will operate, this will restore when the circuit has been repaired. To reset the **Panic Strip** from an alarm condition press the Reset button.