

TB127

Applies to models:

NVx, NVS & OUH



Remote Reset Button

Fitting Instructions



General Information

The Remote Reset Button is used where low level reset is required for either Burner Lockout Reset or High Temperature Limit Reset* when reset is not available on heater control programmers.

The Remote Reset Button will require hard wiring up to the heater in either three or four core cabling dependent on application type.

This bulletin describes the parts required and procedures to be carried out when fitting this part.

* on certain models only.



fig.1 Remote Reset Button

Parts & Tools required



Drill plus bits



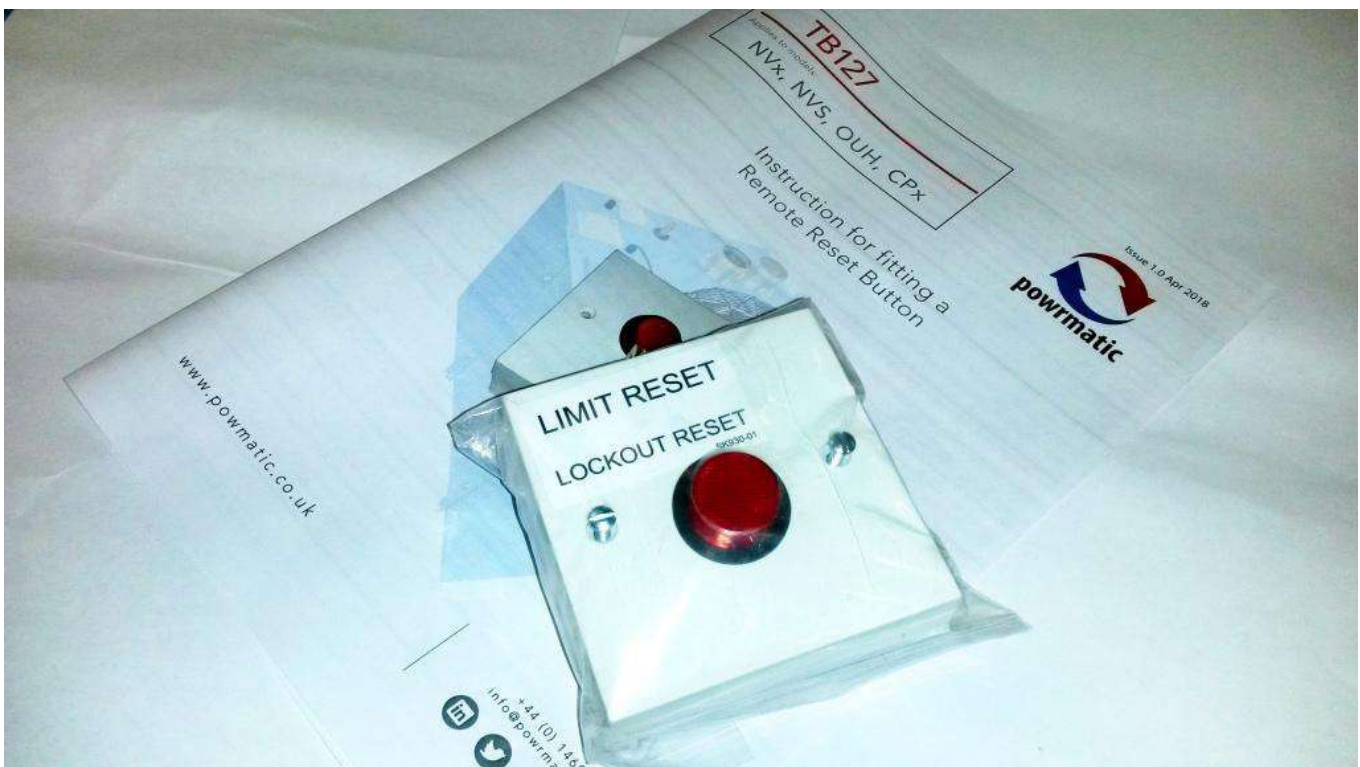
Flat head screwdriver



PoziDrive screwdriver



Electrical screwdriver



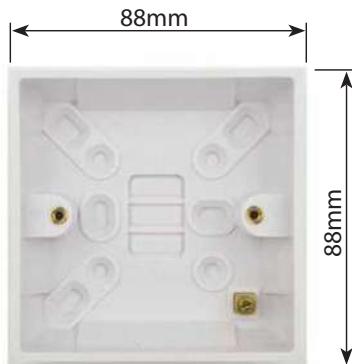
1 x Push Button Remote Reset # 141367224
(incl 2 x M3.5 screws and labels)
Technical bulletin (TB127)



WARNING: Always switch off and disconnect electricity supply before carrying out any servicing or replacement of failed components.



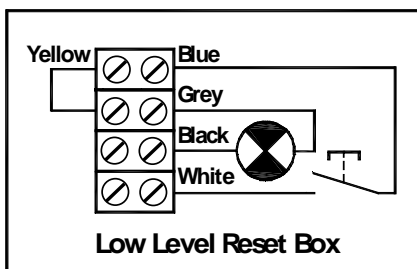
The Remote Reset Button is supplied on a front switch plate but without a back pattress. A standard size single gang pattress in either plastic or metal will be required.



2. Locate a suitable position to mount the pattress. Mark the fixing holes and screw to a solid base.

3. External wiring to the unit is via a four way terminal strip on the rear of the switchplate.

Four internal cables connect the actual reset button to the terminal strip.



WHITE = Return Reset,
BLACK = Live to Indicator,
GREY = Neutral to indicator,
BLUE = Common to Reset.



A YELLOW jumper cable is factory fitted between the Grey and Blue cables for Burner Lockout applications.



This jumper **MUST** be cut or removed for High Limit Indication applications.

Remote Burner Lockout Wiring

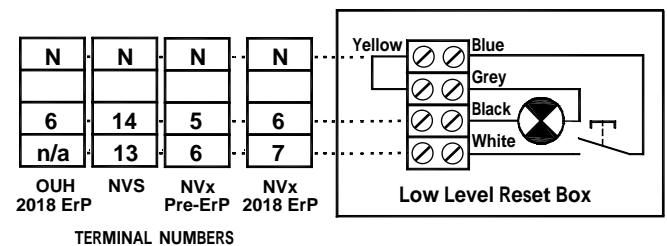


When wiring for a Remote Burner Lockout application, only the terminals with GREY, BLACK and WHITE internal cables are used.



Important: The Remote Reset Button MUST be installed in a lockable enclosure when using it as a lockout reset in conjunction with an oil fired heater.

Remote Burner Lockout interconnecting wiring

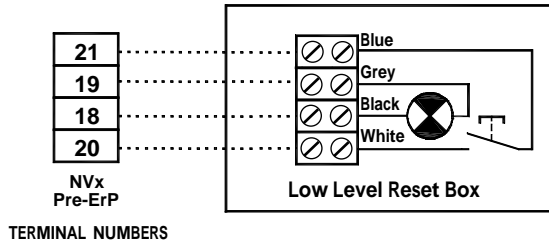


Remote Limit Reset Wiring NVx ONLY*




When wiring for a Remote Limit Reset application all four terminals are used.

Remote Limit Reset interconnecting wiring*




* High Limit Reset wiring terminals were only present in certain NVx models from February 2013 to February 2016.

 **Important: The Remote Reset Button MUST be installed in a lockable enclosure when using it as a High Temperature Limit Reset**

Operation

Burner Lockout

If the burner fails to light, the control box will go to lockout and the lamp on the front of the low level remote reset will be illuminated. To restart the ignition sequence wait 30 seconds then depress the reset button on the low level reset for about 1-2 seconds.

 **WARNING: If it is not possible to light the heater after several attempts, contact the installer or local service company.**

 **WARNING: Oil fired heaters - DO NOT PRESS THE RESET BUTTON MORE THAN THREE ATTEMPTS! Contact the installer or local service company.**

High Temperature Limit

If the burner fails to start, the heater may be in an overheat condition and the lamp on the front of the low level remote reset will be illuminated.

The fault condition must be identified and rectified before resetting.

To restart, wait until the heater has cooled down, unlock the remote enclosure and depress the reset button on the low level reset for about 1-2 seconds.



WARNING: If it is not possible to restart the heater after several attempts, contact the installer or local service company.



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Every effort is made to ensure accuracy at time of going to press. However as part of continued product improvement, we reserve the right to alter specification without prior notice.