

1



2



3



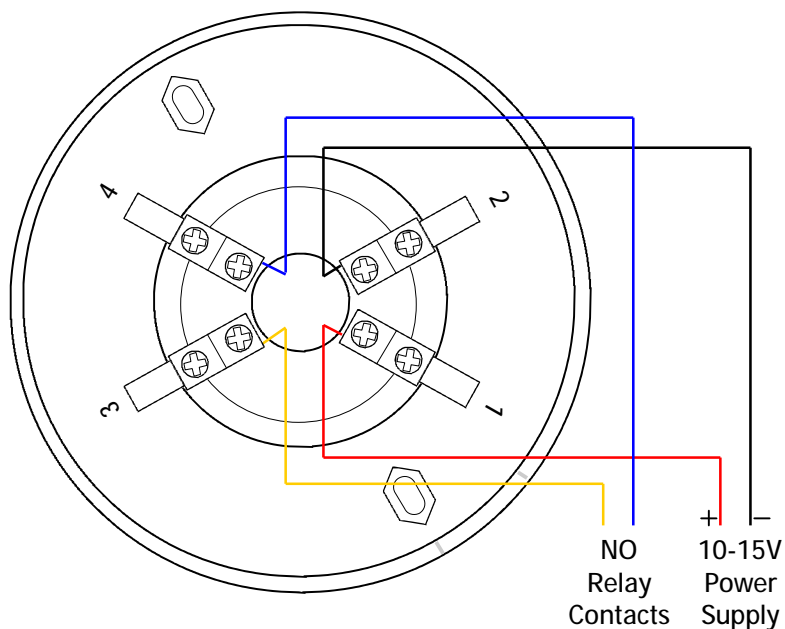
Operation & Testing

During Normal Operation the LED flashes every 45 seconds.

Pressing the Test Button for half a second will put the smoke into hush mode for 10 minutes, the LED will flash once every 10 seconds.

Pressing the Test Button for more than 1 second will activate test mode, triggering both the Relay and the Buzzer.

The smoke alarm will automatically reset when all the smoke has cleared.



The relay contacts can be changed to be Normally Closed (NC) by opening the cover and moving the jumper to the NC pins. Please note this is not recommended as if the smoke is put on the base incorrectly the contacts could short out the power supply.

VST-LS881AH

AUTO RESETTING SMOKE DETECTOR

Specifications

Detection Type	Photoelectric Chamber
Power Source	10-15 Volts DC
Standby Current	3mA
Alarm Current	25mA
Buzzer Output	85db @ 3 meters
Output Relay	Normally Open Contacts 100mA max
Dimensions	Ø100mm x 45mm

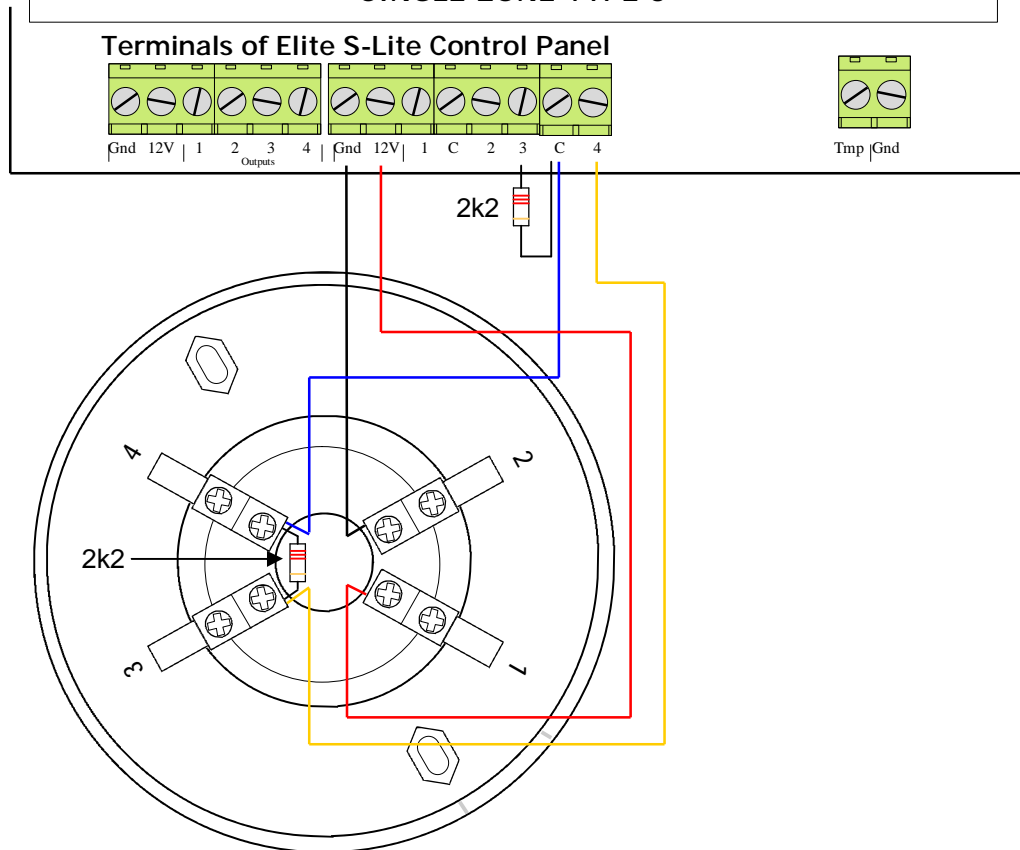


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v1.01

STANDARD SMOKE INSTALLATION

SINGLE ZONE TYPE 3



Panel Programming (Elite S & S-Lite only)

You will need to tell the panel what zone the smoke detector is connected to.

In Program mode press **<PROGRAM>** **<123>** **<ENTER>** then put in the zone (1-16) that the smoke is on (if following the wiring diagram, that's 4) so **<4>** **<ENTER>** now turn On option **<5>** **<ENTER>**.

i.e. **P 123 E 4 E 5 E** (zone 4 is now a 24 Hour Fire zone)

As the contacts of the smoke detector are Normally Open (NO) you will now need to tell the panel that the zone the smoke is wired into is Normally Open.

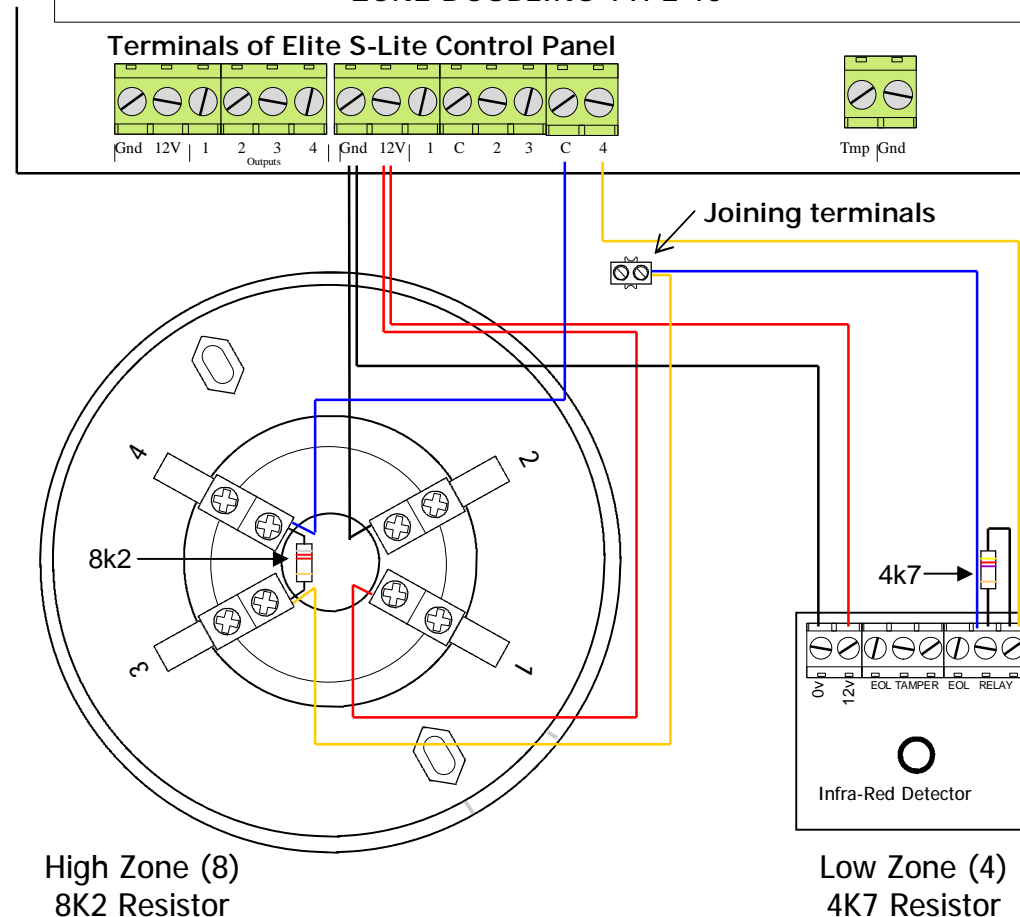
In Program mode press **<PROGRAM>** **<122>** **<ENTER>** then put in the zone (1-16) that the smoke is on (if following the wiring diagram, that's 4) so **<4>** **<ENTER>** now turn On option **<2>** **<ENTER>**.

i.e. P 122 E 4 E 2 E (zone 4 is now a Normally Open zone)

Note: By default all 24 Hour Fire zones will only trigger output 2 on activation, for more information please consult the Full Programming Manual.

EXPANDED SMOKE INSTALLATION

ZONE DOUBLING TYPE 15



If you wish to use zone doubling, follow the programming below as well as the other 2 programming changes.

Change Zone Type

By default zones 1 to 4 are Setup to be Single zones, using a 2K2 Resistor (this is type 3). If you wish to use zone doubling and your detectors have been wired with a 4K7 & 8K2 (as shown above) you will need to change the zone type to 15. To change the zone type you will need to go to address 125 and then choose the zone to be changed. (each zone 1 to 4 can be changed to type 15). In Installer Mode press <PROGRAM> <125> <ENTER> then choose the zone to change (1-4) (if following the wiring diagram, that's 4) so <4> <ENTER> now put in the type <15> <ENTER>.

i.e. P 125 E 4 E 15 E (zone 4 has been changed to type 15, activating zone 8).

*Note: The default and zone ability's slightly vary on the full Elite S Model
Please consult the Full Programming Manual for more info.*