Fire Suppression Systems

Qtec Fire Services has released a all new AS5062 compliant small alarm panel.

This panel has all the normal features of our MK3 (QTB519) standard panel, with a code rest replacing the keys.

It has all the usual robust quality features typical of the Qtec Fire alarm panels. The new panels are now anodized red for a longer lasting finish.

All components from the casing to the board are replaceable give you a better cost effective product for todays market.

FIRE SYSTEM MONITORING PANEL FSMP-CR

VDAS

- ON
- FIRE ALARM
- SYSTEM DISCHARGE
- ENGINE SHUTDOWN
- SYSTEM FAULT

DELAY ENG. SHUTDOWN

TEST   RESET

OVERRIDE ENG. SHUTDOWN

Designed to AS 5062

This alarm panel is very cost effective when compared to the competition, or what else is available.

- For orders use **Part Number QTB554**

TEC FIRE SERVICES PTY LTD

Quality through Innovation

Fire Suppression Systems

RESET: The following procedure must be carried out within eight seconds.
1. Press and hold down the Panel's red "RESET" switch until a short beep is heard.
2. Release the switch and then press and hold down the switch until a beep is heard.
3. For the third time, release the switch and then press and hold it down. This time, the Panel will

RESET the "FIRE ALARM", "SYSTEM DISCHARGE" and "SYSTEM FAULT" indications. Release the switch.

Only the green "**ON**" LED should now be illuminated.

NOTE: If there is a delay in performing the above procedure, or it is not fully carried out, a short beep will be heard. This indicates that timeframe has been exceeded and the timer is reset.

The procedure must then be repeated correctly.

- For orders use **Part Number QTB554**

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OVERRIDE ENGINE SHUTDOWN: The following procedure must be carried out within eight seconds.

1. Press and hold down the Panel's red "OVERRIDE ENG. SHUTDOWN" switch until a short beep is heard.
2. Release the switch and then press and hold down the switch until a beep is heard.
3. For the third time, release the switch and then press and hold it down. This time, the **ENGINE SHUTDOWN** will **OVERRIDE**. Release the switch.

NOTE: If there is a delay in performing the above procedure, or it is not fully carried out, a short beep will be heard. This indicates that timeframe has been exceeded and the timer is reset.

The procedure must then be repeated correctly.

When the ENGINE SHUTDOWN has been OVERRIDDEN, the audible post alarm indication will become muted and also the EXTERNAL ALARM relay (if fitted), will de-energise.
The Panel will continue to display "FIRE ALARM", "SYSTEM DISCHARGE" and "SYSTEM FAULT".

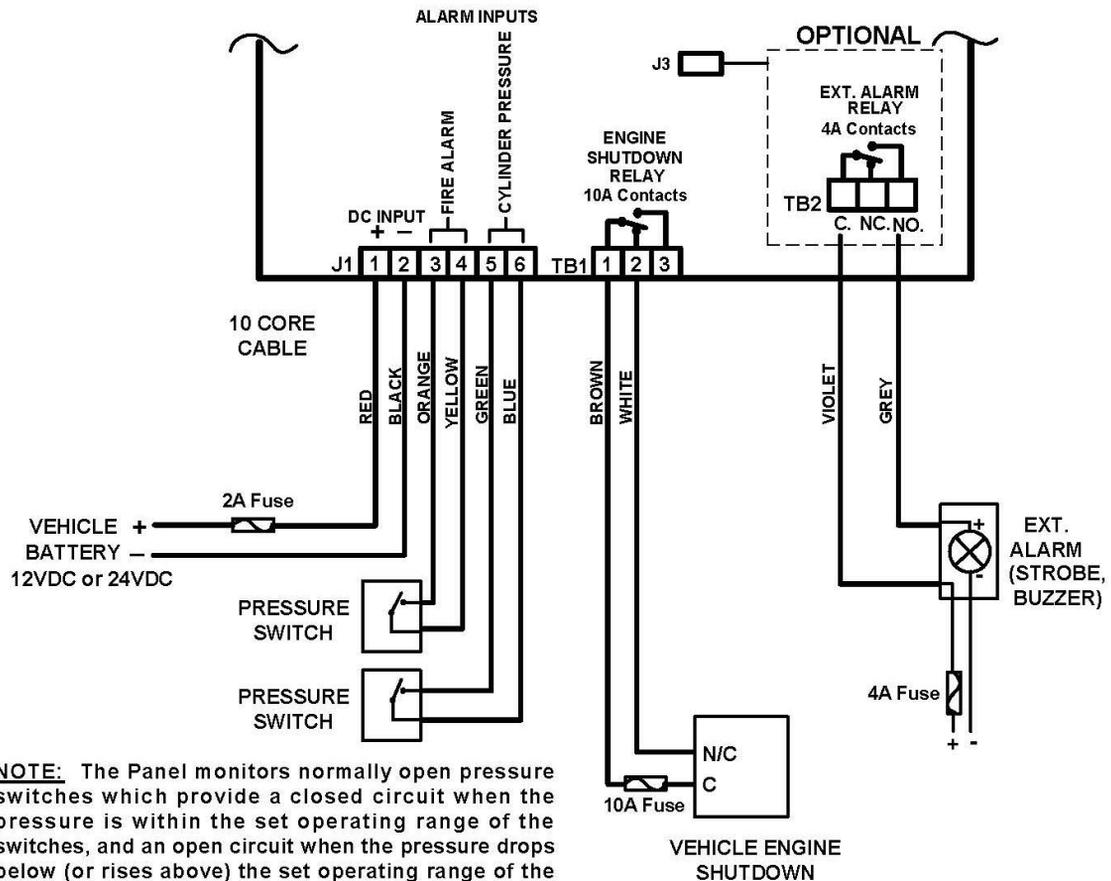- For orders use **Part Number QTB554**

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WIRING DIAGRAM

FIRE SYSTEM MONITORING PANEL PART NO. FSMP-CR

ALARM INPUTS

OPTIONAL

J3

EXT. ALARM RELAY 4A Contacts

DC INPUT + −

FIRE ALARM

CYLINDER PRESSURE

ENGINE SHUTDOWN RELAY 10A Contacts

TB2

C. NC. NO.

J1 | 1 | 2 | 3 | 4 | 5 | 6   TB1 | 1 | 2 | 3

10 CORE CABLE

RED · BLACK · ORANGE · YELLOW · GREEN · BLUE · BROWN · WHITE · VIOLET · GREY

2A Fuse

VEHICLE BATTERY
+
−
12VDC or 24VDC

PRESSURE SWITCH

PRESSURE SWITCH

EXT. ALARM (STROBE, BUZZER)

4A Fuse
+ −

N/C
C
10A Fuse

VEHICLE ENGINE SHUTDOWN

NOTE: The Panel monitors normally open pressure switches which provide a closed circuit when the pressure is within the set operating range of the switches, and an open circuit when the pressure drops below (or rises above) the set operating range of the switches.

10 CORE CABLE

RED	Positive 12v or 24v DC
BLACK	Negative
ORANGE	Fire Alarm Input (Pressure Switch)
YELLOW	Fire Alarm Input (Pressure Switch)
GREEN	Cylinder Pressure (Pressure Switch)
BLUE	Cylinder Pressure (Pressure Switch)
BROWN	Engine Shutdown Relay (Common)
WHITE	Engine Shutdown Relay (N/C) or (N/O)
VIOLET	External Alarm Relay (Common)
GREY	External Alarm Relay (N/C) or (N/O)

TB1 Terminal 1
TB1 Terminal 2 or 3

Optional Relay Board, TB2

SW1

NO

Slide SW1 to the ON position when using a single Pressure Switch. Connect the Pressure Switch to the FIRE ALARM input.

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WIRING

CONNECTIONS INSIDE THE PANEL :

CONNECTOR J1:
1. Positive, 12 or 24 VDC (Red)
2. Negative (Black)
3. Pressure Switch, fire alarm (Orange)
4. Pressure Switch, fire alarm (Yellow)
5. Pressure Switch, cylinder pressure (Green)
6. Pressure Switch, cylinder pressure (Blue)

CONNECTOR TB1:
1. Engine Shutdown Relay, common (Brown)
2. Engine Shutdown Relay, normally closed (White)
3. Engine Shutdown Relay, normally open

CONNECTOR TB2:
Located on the optional Ext. Alarm Board
C. External Alarm Relay, common (violet)
N/C. External Alarm Relay, normally closed
N/O. External Alarm Relay, normally open (Grey)

CABLE WIRES:

RED	Positive, 12 or 24 VDC
BLACK	Negative
ORANGE	Fire Alarm Input
YELLOW	Fire Alarm Input
GREEN	Cylinder Pressure Input
BLUE	Cylinder Pressure Input
BROWN	Engine Shutdown Relay, common
WHITE	Engine Shutdown Relay, normally closed or normally open, as required.
VIOLET	External Alarm Relay, common
GREY	External Alarm Relay, normally closed

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