

# FIRE SHUTDOWN STATUS PANEL



## **FIRE SHUTDOWN STATUS PANEL**

5884

### **Purpose & Benefits**

The Muirhead® Fire Shutdown Status Panel is designed and built to the latest Australian Standards. The panel will monitor the status of the fire bottle from two pressure switch inputs.

The low pressure input warns the operator when the bottle pressure is below the desired KPA level.

The shutdown pressure switch will trigger when the bottle has been discharged. It also has a key switch for override and push button for extended shutdown when activated.

### **Equipment Type**

All heavy mobile equipment with fire systems installed.

### **Target Customer**

All operators of heavy mobile equipment that are concerned with protecting their machines from fire.

### **Functionality**

The Fire Shutdown Status Panel is interfaced into an already existing fire bottle system and will interface into the fire bottle system via the pressure switches.

The ignition is required to be on to activate the Panel.

After ignition is applied, the unit pulses the LEDs and alarm twice to show that they are operating. The LEDs then show the fire controller state as follows:

- ▶ Green LED lights up if the cylinder pressure is correct and not low.
- ▶ Amber LED lights up if the cylinder pressure is okay but the low pressure is active which means the pressure in the bottle is low.
- ▶ Red LED lights up if the cylinder pressure is discharged. After this, it remains active until the battery power is cycled—cycling power on the ignition input does NOT clear the red LED.
- ▶ Whenever the fire unit detects that the cylinder pressure is discharged, a timing cycle is initiated. At the end of the time period (default setting of 6 seconds), the alarm pulses for 2 seconds and then the ignition ETR output is turned off.

The shutdown delay may be adjusted from 6, 15 and 20 seconds:

- ▶ If the system override test input is activated during the 6-second cycle, the time delay period is extended by 20 seconds.
- ▶ The red LED flashes for this extended period and then the ignition output is turned off.
- ▶ This extension can only be applied once.

The test input then has no further effect except that the amber LED lights for up to 2 seconds to confirm operation.

Note: The test can be asserted when there is no fault and will show the amber LED for 2 seconds. Then, perform a normal shutdown sequence after the programmed time period—the ignition and the green LED are restored when the test switch is released.

### **Variations**

Part no. 5884 comes with matching Panel Plug and detailed installation guide. The Panel can be supplied with our Fire Pressure switches.

#### **ADDITIONAL DOCUMENTS**

PRODUCT  
ONLINE

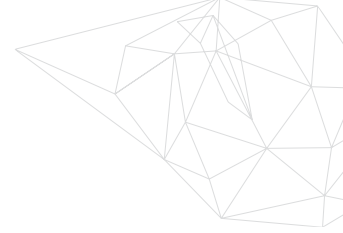


CUSTOMER  
DATASHEET



MANUAL





# PRODUCT OUTLINE SHEET

## FIRE SHUTDOWN STATUS PANEL

APN	HEAVY DUTY	SELF-TEST	1 SHOT EXTENSION	LED STATUS INDICATORS	INTERLOCKS	PRESSURE SWITCH OPTION
5884	Y	Y	Y	Y	N	

### Key Features

- ▶ Multi-Voltage
- ▶ Solid State Technology
- ▶ Programmable shutdown
- ▶ One Shot Extension
- ▶ Key Switch Override
- ▶ IP65 Panel

### Parts List

PARTS LIST – QUANTITY SUPPLIED

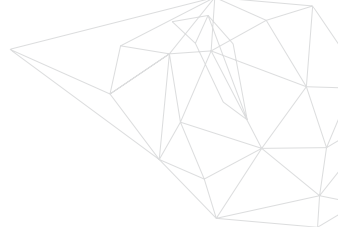
PART #	DESCRIPTION	5884
5884	CONTROL PANEL	1
2348	TANK PRESSURE SWITCH DISCHARGE 900 KPA (NOT SUPPLIED WITH UNIT)	OPTIONAL
0475	TANK PRESSURE SWITCH LOW WARNING 1200 KPA (NOT SUPPLIED WITH UNIT)	OPTIONAL

### Quoting & Pricing

The Fire Shutdown Status Panel is quoted with a price for the Panel and matching connector. The pressure switches are sold separately.

### Additional Document

Item	Description	Document Number/Title
1	Product Manual	<a href="#">M0030</a>
2	Datasheet	<a href="#">SBMH0615117-Fire-Status-Panel</a>



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### Related Images

