

VIC Fire Suppression Control Panel

Model : FSP-02



Description

The FSP-02 (2 Zones Fire Suppression Control Panel) is designed using Micro-controller technology provides a high quality at exceptional value.

The FSP-02 is manufactured and certified to MS1745 – Part 2 : 2004 (equivalent to EN54-2 : 1997).

The seven segment display provide useful information on charging voltage/current and error messages, simple and easy to maintain making the panel ideal for almost every application.

It is housed in a signal red mild steel panel. The panel housing can be fabricated to indoor or outdoor.

Features and Benefits

- System designed using Micro-controller provides accurate signal processing and more features.
- Surface mount technology (SMT) provides high quality and compact control board.
- Control circuit with double lock system, i.e., the Gas Discharge output activated only upon both zones in alarm condition after pre-set delay period of 30 seconds.
- Gas Release Keyswitch contact input to immediately release the gas without delay.
- Abort Switch contact input (optional) to stop the gas release process (prior to the gas discharge started). The gas release process will be re-activated after the switch has been released (after delay countdown of 30 seconds).
- Seven segment display provide useful information for charging voltage/current and error messages.
- Buzzer and bell re-sound (mute/silence) upon any new fault or alarm event happen, bell can be manually re-sound by pressing bell silence button for second time.
- Alarm/Fault volt free contact output (optional)
- Gas Low Pressure monitoring (optional)

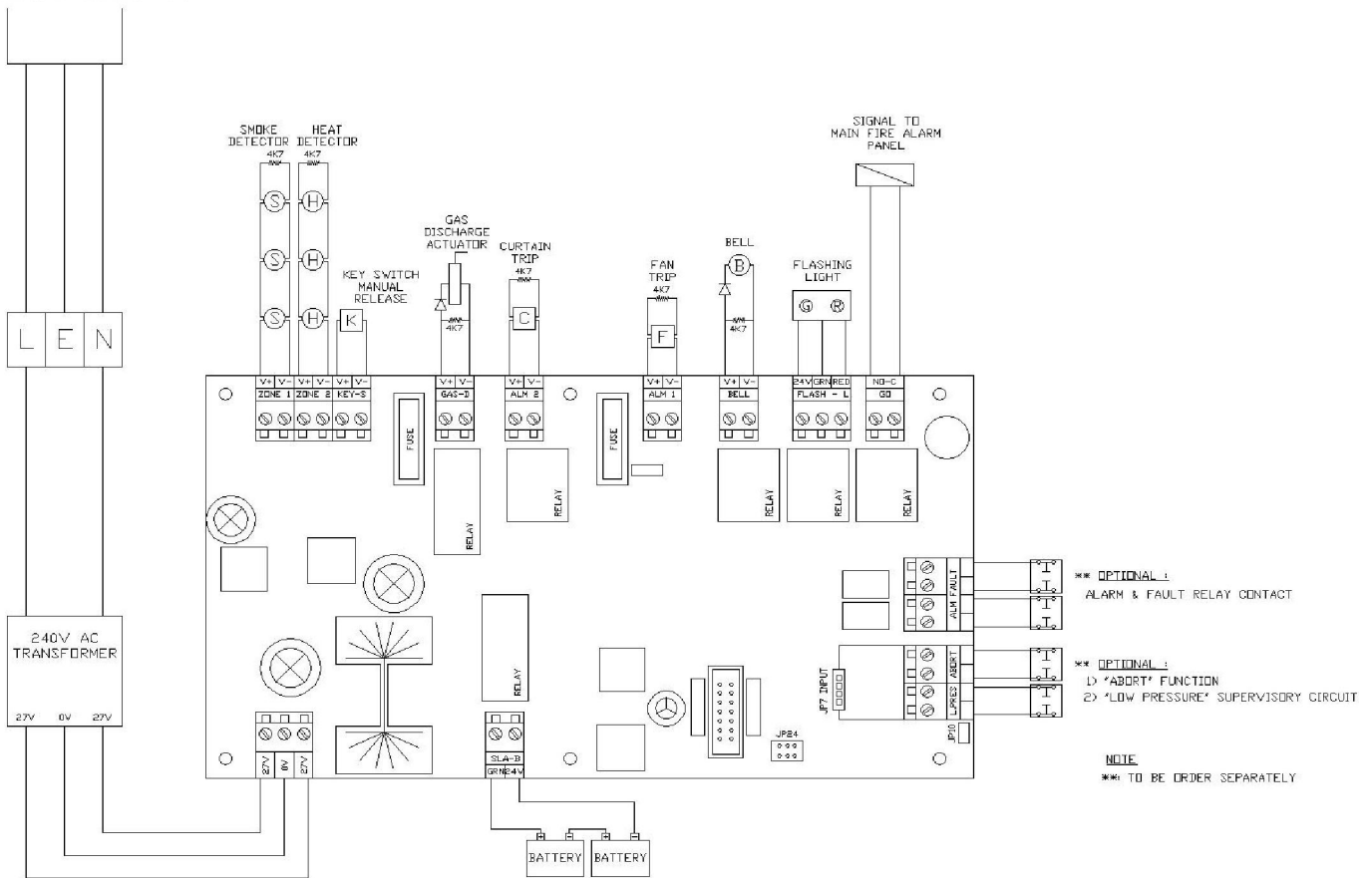
TECHNICAL SPECIFICATIONS

AC Input Voltage	240Vac ± 10%, 50Hz
DC Output Voltage	22 – 26 Vdc
Standby Battery	24Vdc Rechargeable SLA Type
Charger Output (Voltage/Current)	27.6Vdc / 0.6A
Fuses	2A
Alarm Zone EOL Resistor	4.7K ohm, 1/4W, 5%, carbon
Bell / Tripping EOL Resistor	4.7K ohm, 1/4W, 5%, carbon
Bell / Tripping / Output	22 – 26 Vdc
System Standby Current	80mA
Input / Output contacts	Normally open voltage free
Chassis Colour / Material	Mild Steel Metal Casing coated with Red Epoxy
Cabinet Dimension(W X H X D)	360 X 300 X 80 mm

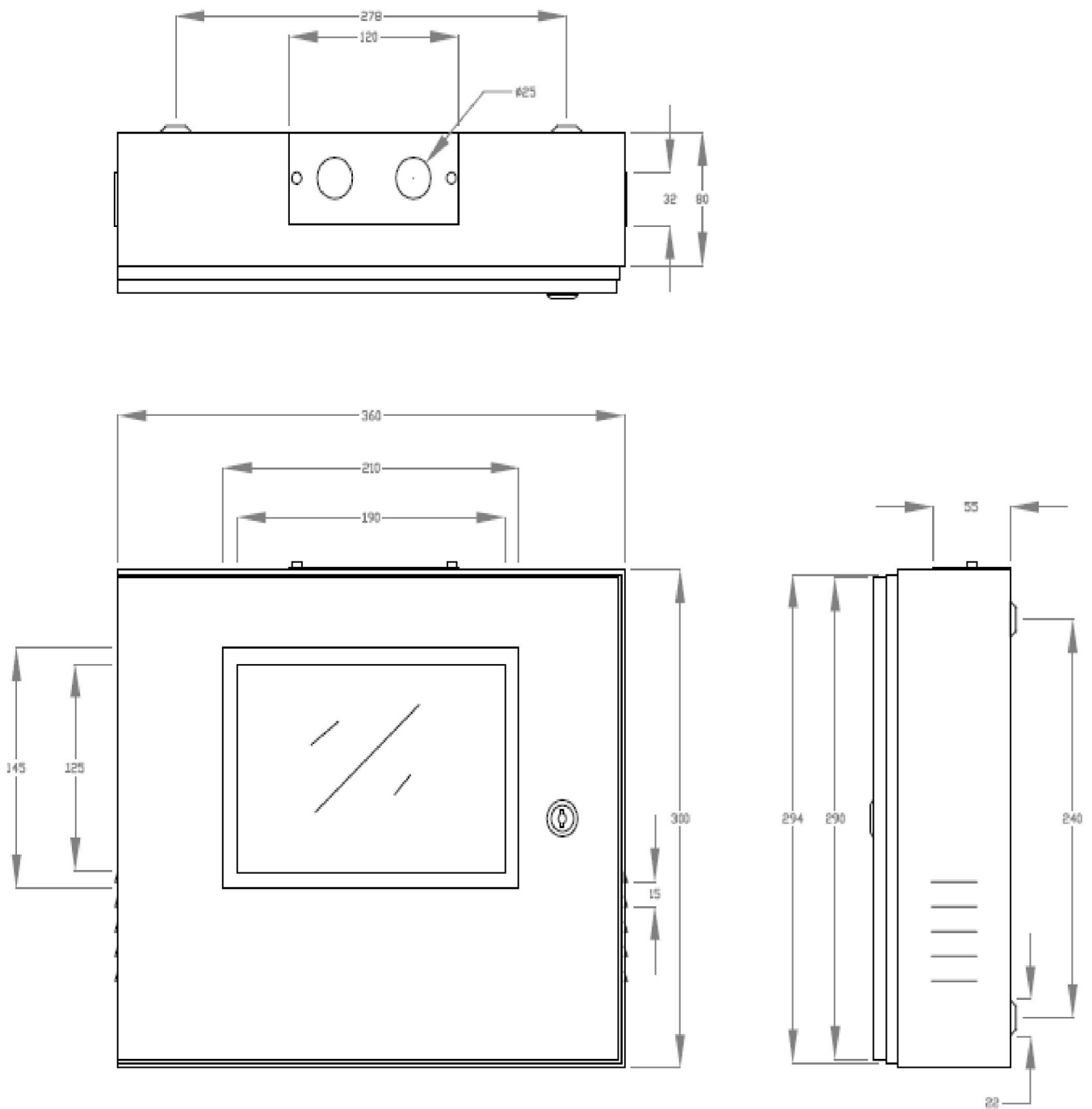
EASY MAINTENANCE AND TROUBLE SHOOTING

ERROR MESSAGE CODE (7 SEGMENT DISPLAY)		
Description	Trouble / Fault	Error CODE
ZONE 1 – Wiring Circuit	OPEN Circuit	1 - 0
ZONE 2 – Wiring Circuit	OPEN Circuit	2 - 0
GAS DISCHARGE Circuit	OPEN Circuit	G - 0
GAS DISCHARGE Circuit	SHORT Circuit	G - S
Bell Line	OPEN Circuit	B - 0
Bell Line	SHORT Circuit	B - S
Alarm 1 Output - OPEN	OPEN Circuit	A1 - 0
Alarm 2 Output – OPEN	OPEN Circuit	A2 - 0
Fuse Blown	AC Supply Fail	FuS

INCOMING 240V
POWER SUPPLY



CABINET DIAGRAM



Ordering Information

Part Number : FSP-02
Description : Indoor Fire Suppression Control Panel

Part Number : FSP-02W
Description : Outdoor Fire Suppression Control Panel

Company Information

VIC ENGINEERING SDN BHD
No. 2 & 4 Jln Jenaris 2B, Desa Sri Jenaris
43000 Kajang, Selangor Darul Ehsan
Tel : 603-87399043
Fax: 603-87398043
Email : vic_sb@streamyx.com