CFP-600

Conventional Fire Extinguishing Panel

Features and Benefits

Designed to EN54 Parts 2 & 4 Standards
Standard Outputs Provided :-

- 2 General Alarm Sounder Outputs
- 1 Alarm Contact Output
- 1 Fault Contact Output
- 1 Auxiliary 24VDC Output
- 1 Auxiliary 24VDC Output (with Reset)

Key Switch Controlled Access Level
Convenient Slot-in Zone Self-Labeling
Modular in Construction
Customisation is available to meet any special requirement
Colour Symbols & Indicators for ease of identification & usage
Release Module with Outputs for Audio / Visual Warning Devices, and System Actuation specially designed to cater for Fire Extinguishing Systems ;eg. FM200, Novec 1230, CO2 or Inert Gases

Overview

The CFP-600 Series of Fire Extinguishing Panel uses the latest in microprocessor technology to meet today's stringent needs for a comprehensive and versatile range of Fire Detection & Alarm Systems.

Design for ease in installation and operation, the control functions and programming are enables through a key switch, or by an additional lockable panel door to prevent unauthorized access. Operation of the Panel is made simple with frontal indications and switches.

Design in compliance to EN54 Parts 2 & 4, each detection zone can cater up to 20 conventional devices.

Attractively styled and compact in size to blend into any modern architecture, the slim profile of the panel is unobtrusive even when surface mounted.

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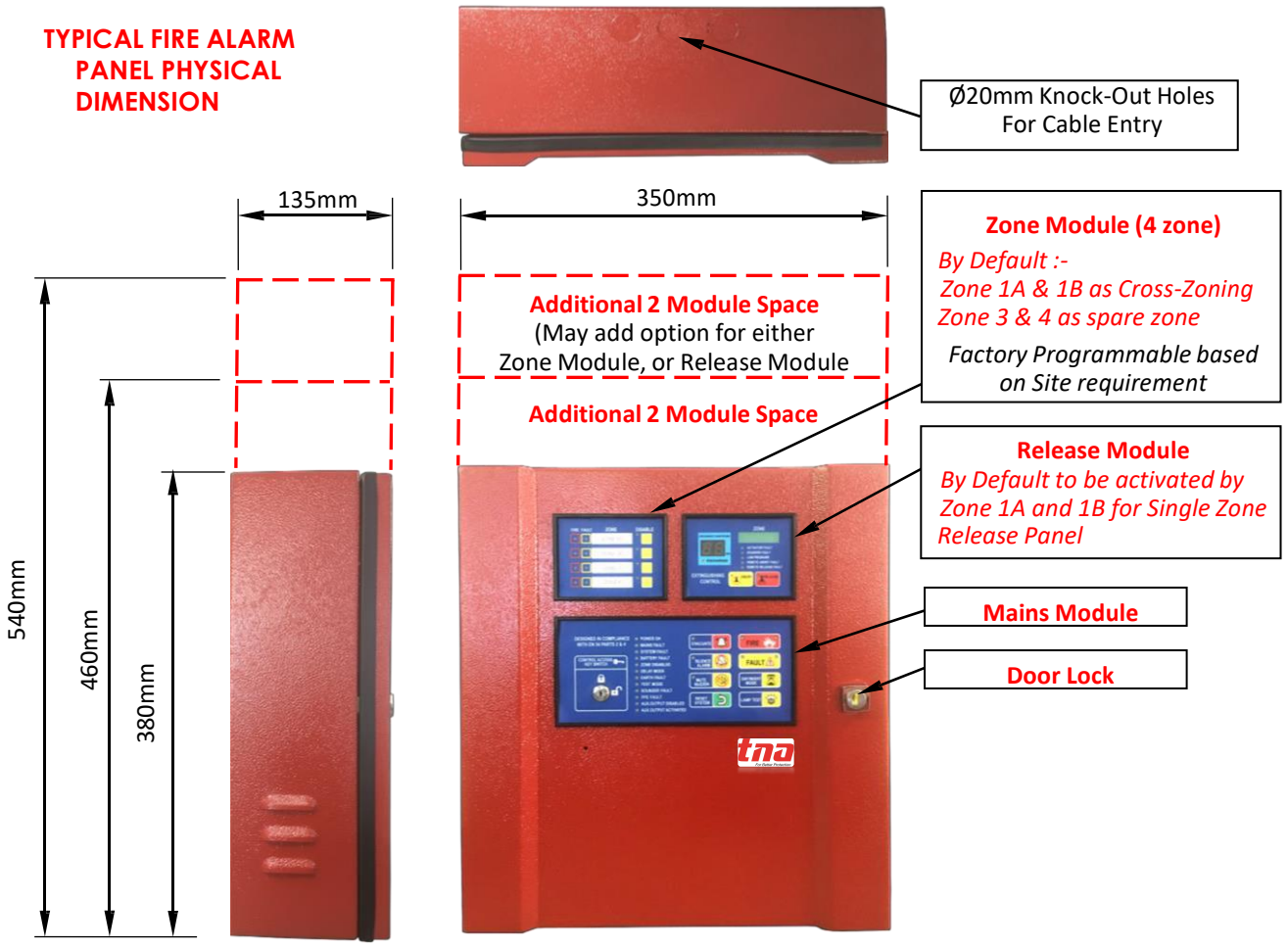
TYPICAL FIRE ALARM PANEL PHYSICAL DIMENSION



Technical Specifications :-	
Mains Voltage	230VAC ± 15% @ 50 Hz
System Operating	24VDC ± 15%
Detection Circuit Static Current	2.4mA (20 conventional detectors)
Resistance for Alarm Activation	330Ω to 1.2KΩ
End-of-Line Resistor	4.7KΩ
Sounder Output Circuit	1 amp (Total Current Output)
`Alarm' Output Contact	NO or NC Voltage-Free Contact (Selectable)
`Fault' Output Contact	NO or NC Voltage-Free Contact (Selectable)
Aux. Power Output	0.5amp @ 24VDC
Operating Temperature	-10°C to 45°C
Relative Humidity	95%, Non-Condensing
IP Rating	IP30 (For Standard Cabinet)
	IP30 (For Cabinet with two Doors)
	IP64 (For Weatherproof Cabinet)

Model No.	Zoning
CFP600-04-1-X-	4- Zone + 1 Release
CFP600-08-2-X-	8-Zone + 2 Release Module
CFP600-12-3-X-	12-Zone + 3 Release

Model Numbering Selection:-

CFP600 - XX - X – X X

M	With Manual Release Station at Panel Front
-	No Manual Release

Cabinet Type :-	
S	Standard (Single Door)
D	Double Door (without Control Access Key-switch)
W	Weatherproof (Double

Qty. of Release Module
(For Extinguishing Release Panel)

Detection Zoning, Eg : 08 = 8 zone
16 = 16 zone

Model Series

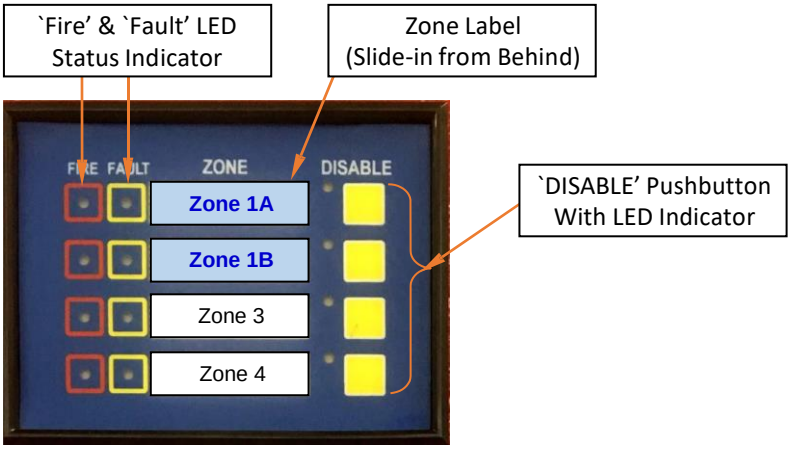
The standard Fire Alarm Panel lowest capacity is 4-Zone, with increment in steps of 4-zone up to a capacity of 24- Zone.

Panels requirement may be customised and made to order based on clients' requirement.

Typical Standard Panel c/w Manual Release Station CFP600-04-1-SM

Typical Panel with Double Door Cabinet CFP600-04-1-D

Typical Panel with Weatherproof Cabinet (IP64) CFP600-04-1-W



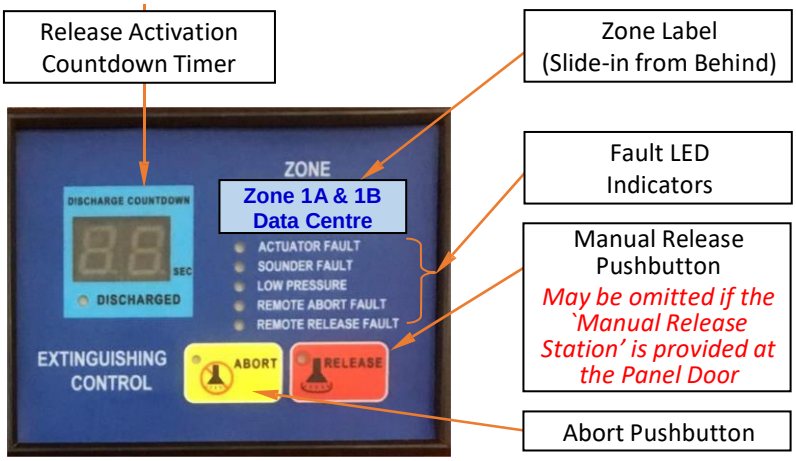
ZONE MODULE, CFP-600-ZM

Each Zone Module incorporates 4 Detection Zones, with each zone having an independent `FIRE' (Red), and `FAULT' (Yellow) LED Indicators

`DISABLE'Pushbutton with correspondingLED Indicator is provided for each zone.

*By default, the first two zones, **Zone 1A** and **Zone 1B** are programmed as `Cross-Zone' detection to operate in conjunction with the `Release Module'.*

Other zones could also factory programmable in accordance to site requirement, based on special request at the time of order.

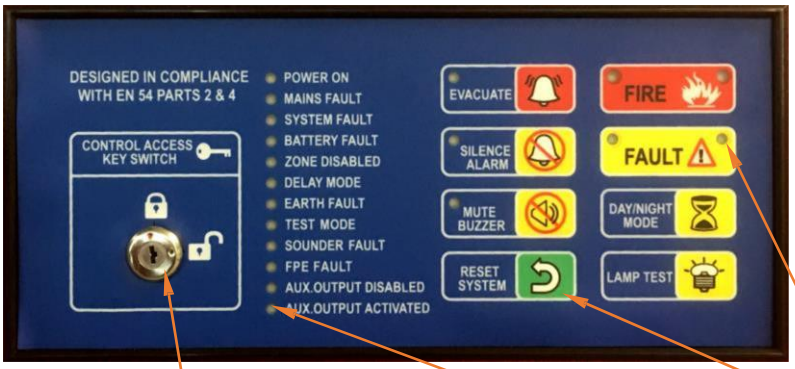


RELEASE MODULE, CFP-600-RM

The Release Module may be incorporated into the Fire Alarm Panel for Extinguishing Agent Release Functions.

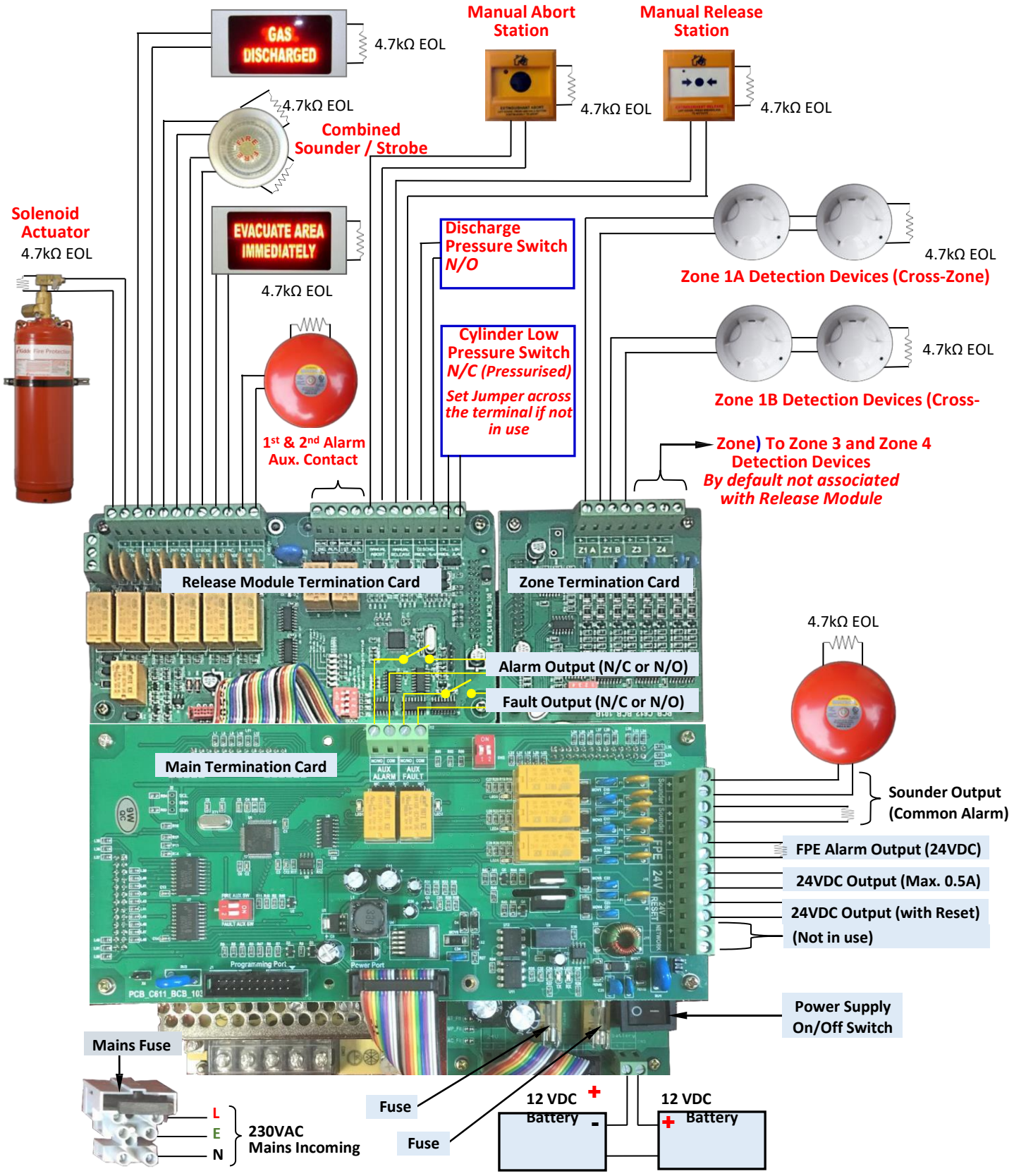
Typical examples are for usage in CO2, FM200, Foam or Pre-Action Sprinkler Systems.

This Module is factory programmable to work in conjunction with two Alarm Detection Zones for `Cross-Zone' Detection in conjunction with the Release Module.



MAIN MODULE, CFP-600-MM

The Main Module provides all the Status Indicators, Control Pushbuttons, and Control Access Key Switch for Fire Alarm System.



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