

MULTRON®

CONVENTIONAL FIRE EXTINGUISHING PANEL

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 enabled 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.

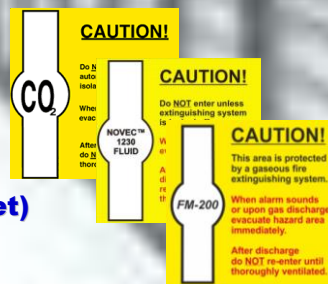
Design in compliance to EN54 Parts 2 & 4, each detection zone can cater up to 20 conventional devices.

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

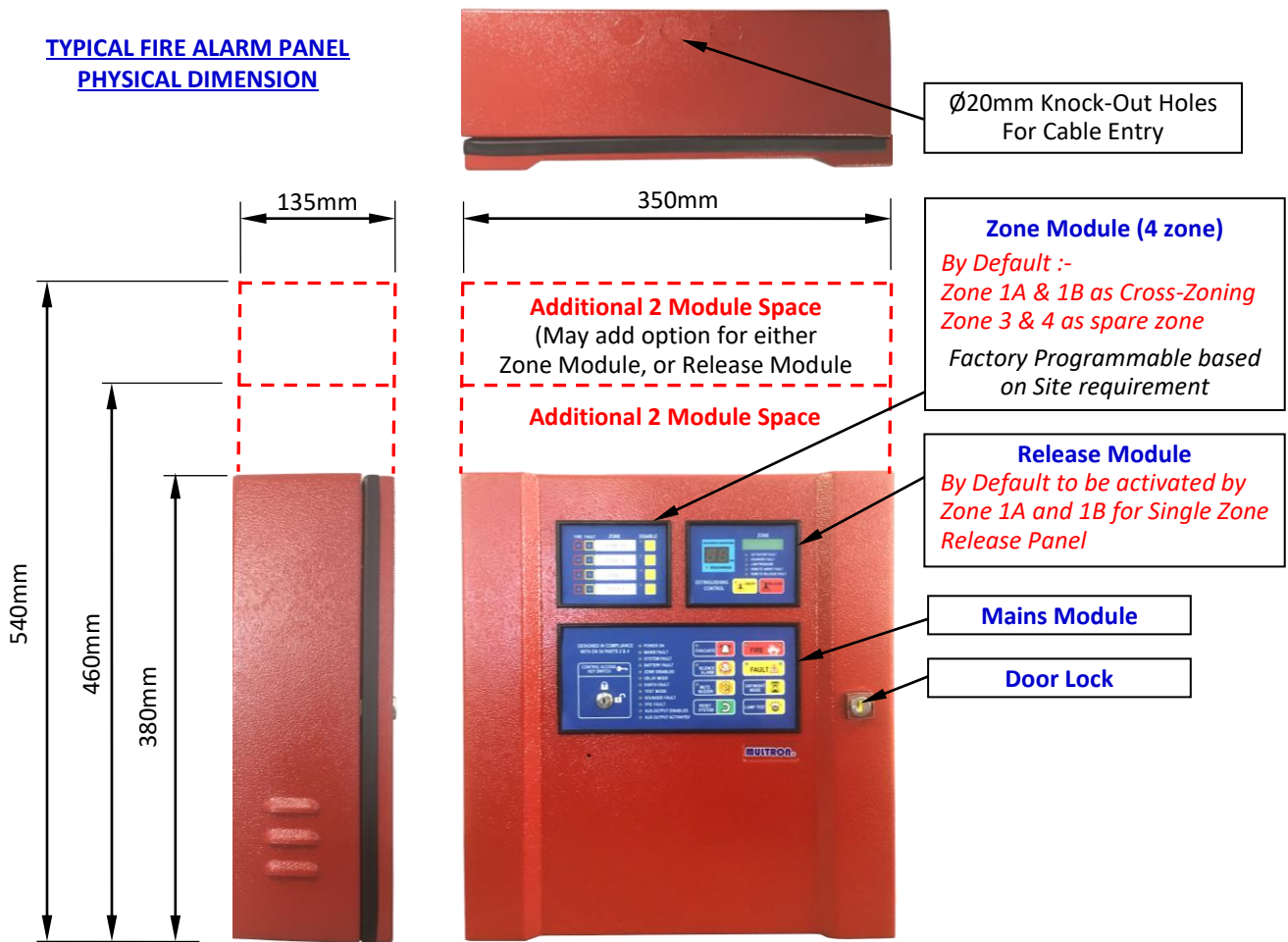


FEATURES :-

- 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



**TYPICAL FIRE ALARM PANEL
PHYSICAL DIMENSION**

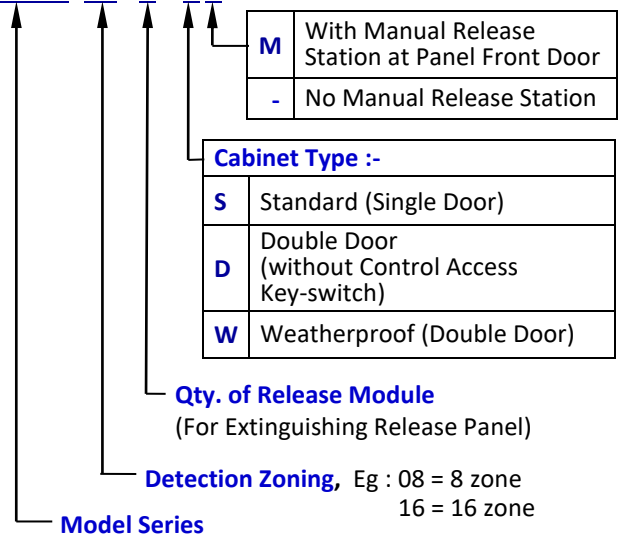


Technical Specifications :-	
Mains Voltage	230VAC ± 15% @ 50 Hz
System Operating Voltage	24VDC ± 15%
Detection Circuit Static Current	2.4mA (20 conventional detectors)
Resistance for Alarm Activation	330Ω to 1.2KΩ
End-of-Line Resistor	4.7KΩ
Sounder Output Circuit	1 amp (Total Current Output)
'Alarm' 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)

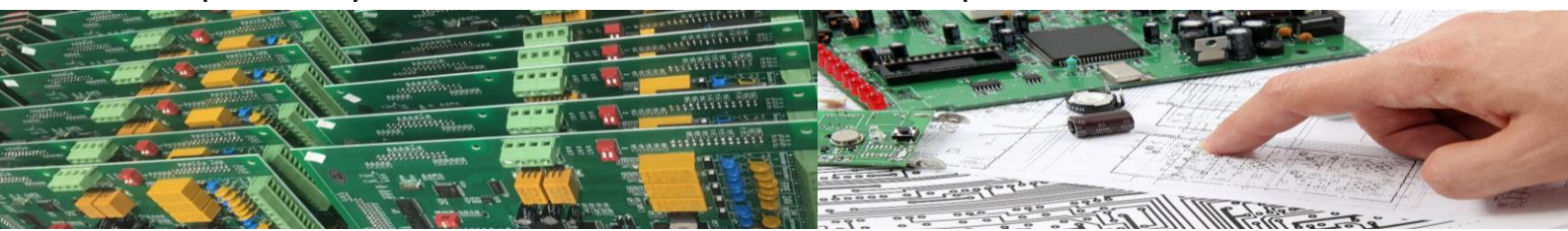
Model No.	Zoning
CFP600-04-1-X-XX	4- Zone + 1 Release Module
CFP600-08-2-X-XX	8-Zone + 2 Release Module
CFP600-12-3-X-XX	12-Zone + 3 Release Module

Model Numbering Selection :-

CFP600 - XX - X - XX



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
CFP600-04-1-S



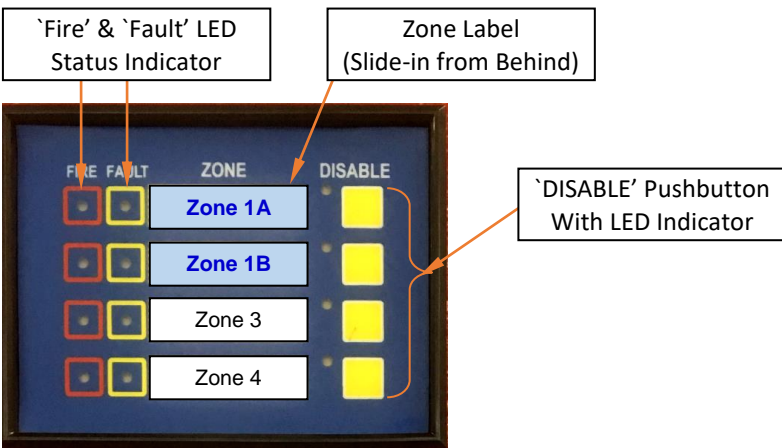
Typical Standard Panel
c/w Manual Release Station
CFP600-04-1-SM



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



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



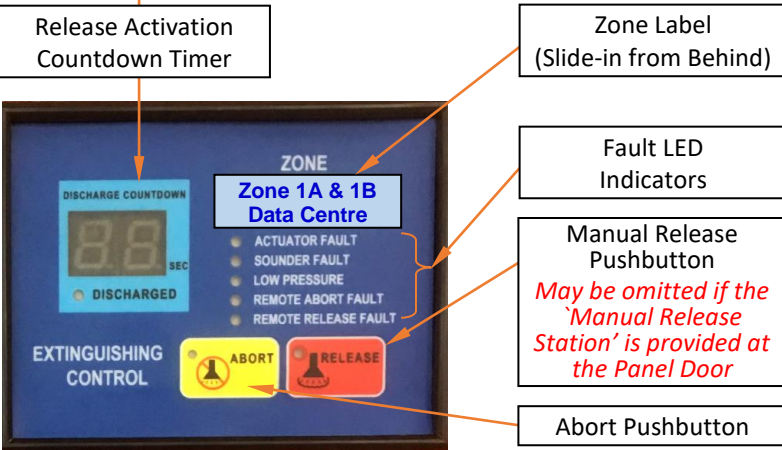
ZONE MODULE, CFP-600-ZM

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

'DISABLE' Pushbutton with corresponding LED 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.



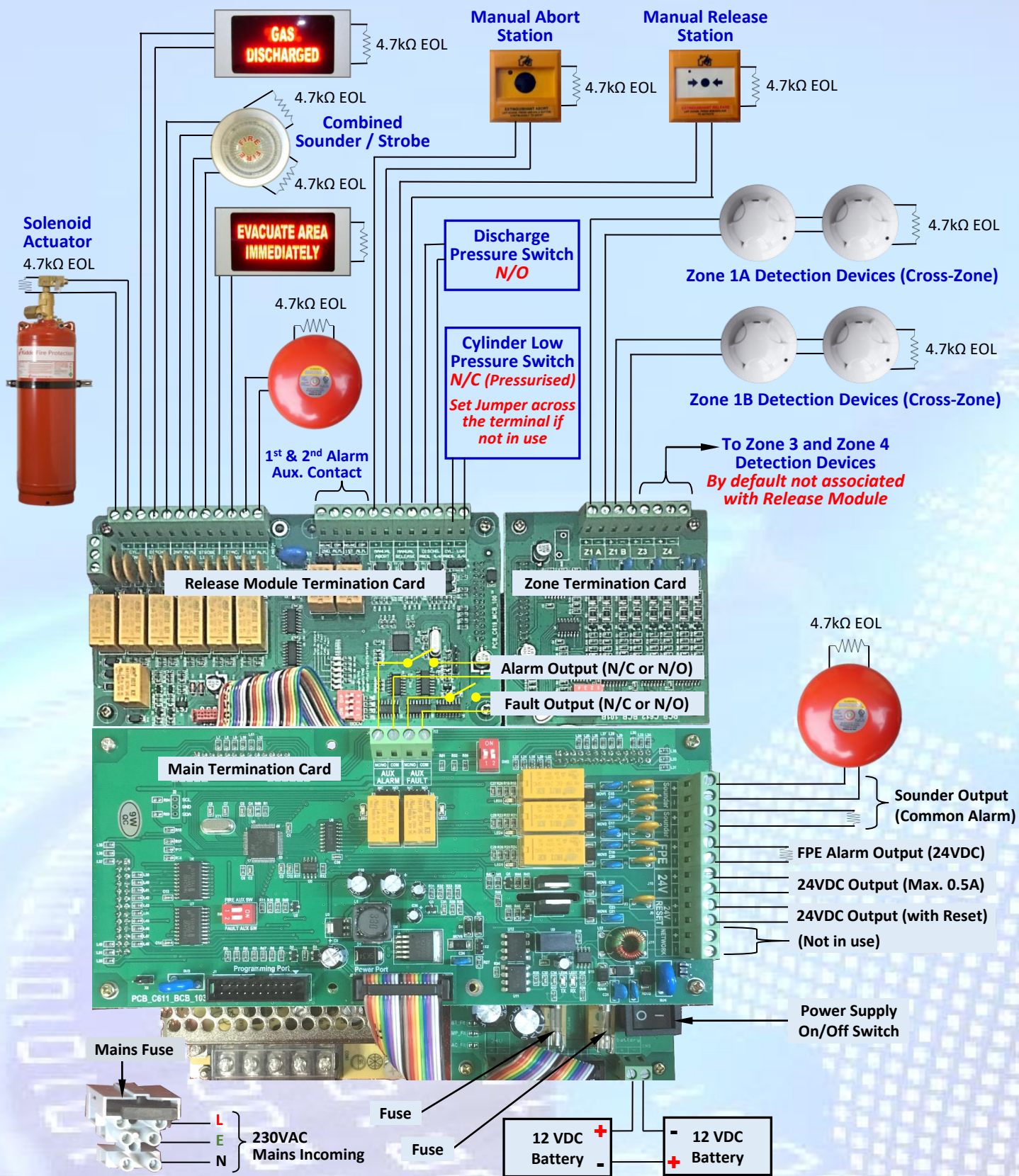
MAIN MODULE, CFP-600-MM

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

Control Access Key-Switch
Will be omitted when an additional lockable panel door is provided in the Panel Cabinet

LED Indicators

Pushbuttons & LED Indicators



TYPICAL TERMINATION DIAGRAM

Another Quality Product by :-

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