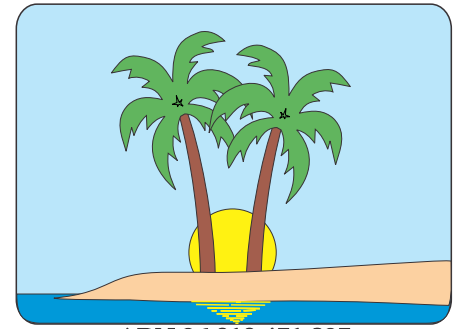


# ITIM SYSTEMS

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## FACEX-V5

### FIRE ALARM AND FIRE EXTINGUISHER CONTROL MODULE

This compact, flush mount module provides multi-mode, operator interactive control of your fire alarm and fixed fire extinguishing system. It incorporates a fully monitored single zone fire alarm control module, plus independently monitored input for the extinguisher manual release switch circuit, and independently monitored output to the fire extinguisher operate circuit.



The compact sealed **FACEX-V5** fire alarm and fire extinguisher control module has a dash footprint of only 55 x 99mm, a dash cutout of 44x92mm, is flush mount & 130mm deep.

The full system status display is back illuminated by multi LED's for easy to read instant status recognition. The five sealed touch switches provide reliable control even in dirty, dusty or wet environments.

System continuously monitors the detector,, the **BGA MANUAL** release switch & extinguisher electrical release circuits for faults that could prevent operation, **DET**, **BGA** or **CYL FAULT** operate to warn of fault.

**MANUAL** and **AUTOMATIC** modes of extinguisher operation are selectable by sealed touch switch on the panel facia. A remote mode control input can connect to an ignition switch to automatically select manual mode of release when in use, or linked to make system **MANUAL** release only.

In **MANUAL** mode, on detection of a fire condition, (operation of a fire detector) the **Red FIRE** indication flashes, accompanied by the local audible fire alarm & remote alarm output. These alarms latch on until manually reset.

The extinguisher release does not start until the manual release switch is operated.

If **AUTOMATIC** mode of operation is selected when a fire detector operates or the manual release switch is operated, then an adjustable delay of 0.4 to 40 seconds is applied to the fire extinguisher release circuit, and the **IMMINENT** indication flashes.

This is to allow time for evacuation and shutdown before the fire extinguisher is released.



During this **IMMINENT** delay the gas stop switch can be operated, to stop the Fire Extinguisher discharge and reset the delay timer. The **GAS STOP** status will illuminate accompanied by local audible warning.

At the end of the **IMMINENT** delay, if gas stop switch is not operated, the fire extinguisher is released to extinguish the fire and accompanied by illumination of the **RELEASED** status indication and audible alarm warning.

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# FACEX-V5 EXTERNAL CONNECTIONS.

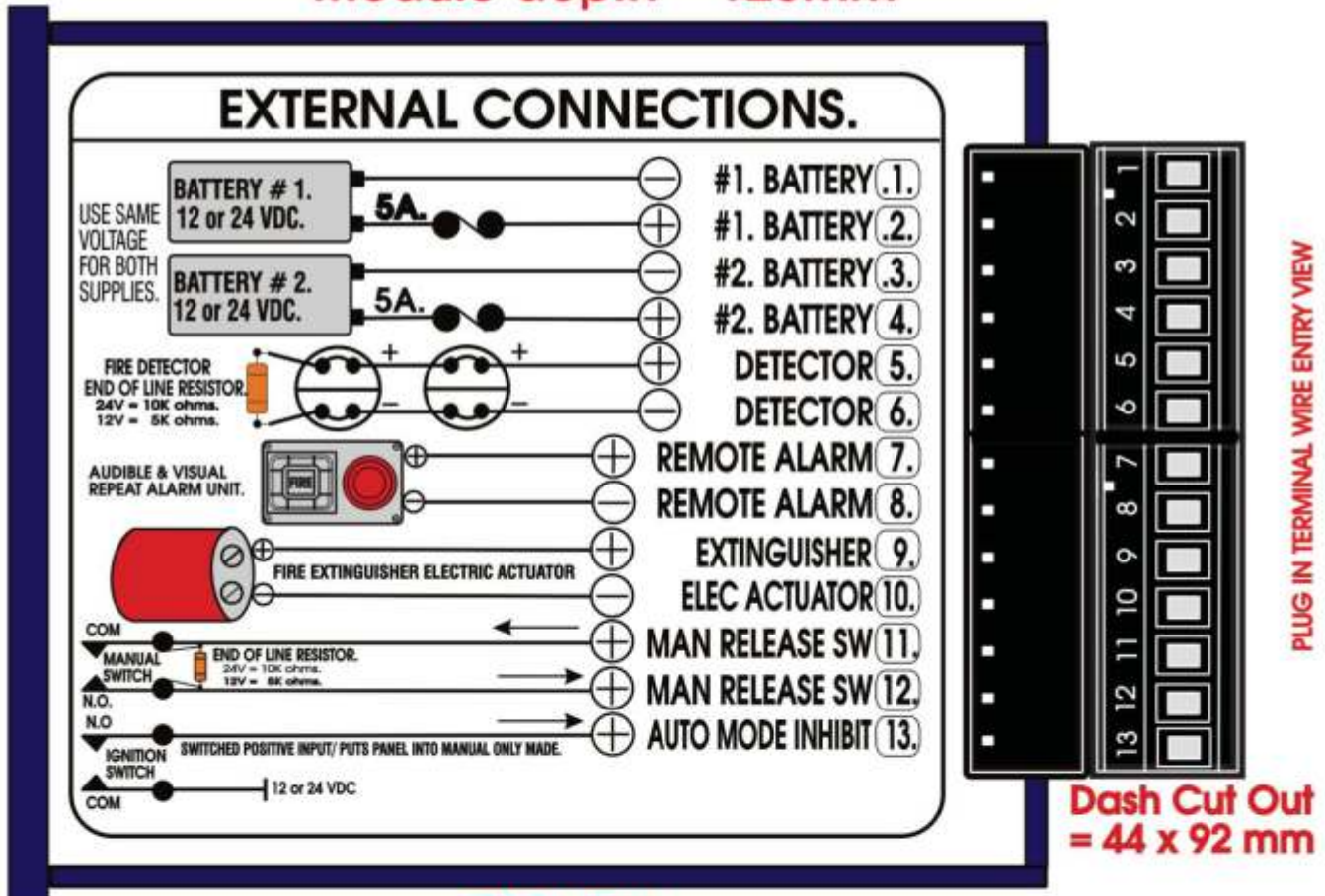
On the rear of the FACEX-5 fire alarm and extinguisher control panel, there is a 13 way plug-in terminal for connection of all external circuits -

- Two 12 or 24 VDC power supplies, terminals 1-ve & 2+ve, 3-ve & 4+ve.
- The fire detector circuit, terminals 5+ve & 6-ve.
- A remote alarm output, terminals 7+ve & 8-ve.
- The fire extinguisher circuit, terminals 9+ve & 10-ve.

Note: This circuit should be wired in shielded FR cable and with 0.1uf filter capacitor fitted across extinguisher electrical actuator, to minimise build up of RF capacitance which could actuate system.

- The extinguisher manual release switch, +ve terminal 11&12
- A remote mode control, ignition input, +ve terminal 13

**Module depth = 125mm**



**SIDE VIEW**

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