BASIC OPERATING INSTRUCTIONS TEC601 Fire Control Panel

DISABLED

+ zone number

PRODUCT CODE TEC601

SYSTEM DESCRIPTION

A number of fire detection devices are wired into zones. The fire control panel monitors the circuits of three detection zones and will react on detecting either a fire or a fault condition within a zone. Zones one and two are allocated to the extinguishant release, with both these in alarm and the keyswitch control set to auto-release the control panel will first indicate the automatic extinguishant release has been initiated and after a time delay (15 seconds) the extinguishant will release.

FIRE CONTROL

ZONE ALARM

RED ZONE FIRE LED flashing, system sounder operating.

Reaction

- Press SILENCE ALARM button (System sounder will silence, flashing LED will remain steady)
- Investigate or evacuate

ZONE FAULT

 Yellow ZONE FAULT LED flashing internal panel buzzer operating

Reaction

- Press SILENCE **BUZZER** button (Panel buzzer will silence; Flashing LED will remain steady)
- Investigate problem

DISABLE ZONE

Used in conjunction with zone number to disable zone (isolate plus zone number to de-isolate)

CONTROL BUTTONS

SILENCE BUZZER SILENCE ALARM

Silences internal buzzer Silences system sounder

DISABLEI ZONE

RESET Resets zone alarms, zone faults, or system faults

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SYSTEM STATUS

POWER ON

SILENCE BUZZER

GENERAL FIRE

GENERAL FAULT

SYSTEM FAULT

SYSTEM STATUS LEDS

GENERAL FIRE LED

GENERAL FAULT LED

SYSTEM FAULT LED

SUPPLY FAULT LED

SOUNDER FAULT LED

AHU SUPPLY ON LED

AHU SUPPLY OFF LED

NORMAL CONDITION

TEC601 FIRE & EXTINGUISHANT CONTROL PANEL

SILENCE ALARM

 Green POWER ON LED and AHU SUPPLY ON LED steady. All other LEDs off.

SUPPLY FAULT

SOUNDER FAULT

AHU SUPPLY ON

AHU SUPPLY OFF

RESET

A fire has been detected

There is a technical fault

There is a power fault

The AHU is connected

The AHU has been cut off

Comes on with any fault condition

There is a fault on the sounder circuit

EXTINGUISHANT CONTROL

RELEASE INITIATED

• LED indicates that the extinguishant release cycle has been initiated.



A time delay of 15 seconds will pass before the discharge signal is sent.

EXTINGUISHANT RELEASED

LED indicates that extinguishant discharge has taken place.

FAULT

LED indicate that there is an open or short circuit fault on this circuit.

KEYSWITCH

 Selects between AUTO and MANUAL extinguishant release mode.

Pressing the "X" button aborts the release.

Pulling the Yellow Cover down and pressing the "Release Extinguishant" will initiate the release of the extinguishant regardless of what release mode you are in.

Disclaimer

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