

SUPREME XT

RELEASING FIRE CONTROL PANEL



Programable Functions

Access Level 2

- Test Zones 1 to 3
- Disable Zones 1 to 3
- Disable 1st Stage Alarms
- Disable Pre-activated 1st Stage Relay
- Disable Pre-activated 2nd Stage Relay
- Disable Extract Fan Output
- Disable Manual Release Input
- Disable Releasing Sub System
- Activate Extract Fan Output
- Activate Alarm Delays

Access Level 3

- Sounder Delay
- Coincidence Detection
- Disable Panel Features
- Zone Alarm Delays (Detectors)
- Zone Alarm Delay (Call stations)
- Configure Zone for I.S Barrier Use
- Zone Short Circuit Alarm
- Zone Non Latching
- Zone Inputs Delay
- Extinguishant Release Time Delay
- Extinguishant Release Duration Timer
- Extinguishant Reset Delay Timer

Standard Features

- UL 864 and FM approved
- Three detection zones as standard
- Any single zone or any combinations of zones can be configured to release
- Configurable first stage NAC delays
- Configurable detection delays
- Zero time delay upon manual release option
- Non-latching zone input option to receive signals from other systems such as aspirating equipment
- Configurable releasing delays up to 60 seconds in 5 second steps
- Configurable releasing duration up to 5 minutes in 5 second steps
- Countdown timer shows time remaining until release
- Supports up to seven, four wire status indicators
- Built in Extract Fan control
- Compatible with conventional detectors from Apollo, Hochiki America and System Sensor

Product Overview

- Designed and manufactured to the highest standards in a quality controlled environment and with UL and FM approvals, the Supreme XT releasing panel offers outstanding value and performance for all small to medium fixed firefighting installations.
- With three detection zones as standard, release can be configured to activate from any combination of detection zone inputs to allow (among other combinations) any two from three type activations such as would be required for detection in ceiling void, room and floor void applications.
- The extensive configuration options of the Supreme XT allow the functionality of the system to be extensively modified.
- The panel contains a large LED display to enable easy configuration and control which also displays the time remaining until release for added user safety.
- The countdown timer is duplicated on up to seven remote status units to provide local indication of the system status.
- With all of the electronics mounted on a single, easily removable, steel plate Supreme XT panels are both robust and easy to install.
- Supreme XT is supplied in an enclosure that matches the design and color of the Supreme CP range and is available in standard red or optional gray.

Technical Specifications

Mains supply: 115V AC or 230V AC	Terminal capacity: 12 AWG
Mains supply fuse: 3.15 Amp (F3.15A L250V)	No. of detectors per zone: Dependent on type (maximum 32)
Finish: Epoxy powder coated	Detection circuit end of line: 6K8 5% ½ Watt resistor
Color: Red (optional gray)	Supervised input end of line: 6K8 5% ½ Watt resistor
Power supply rating: 3 Amps total including battery charge 28V +/- 2V	Sounder circuit end of line: 10K 5% ¼ Watt resistor
Maximum ripple voltage: 200 millivolts	Extinguishant output EOL: 1N4004 Diode
Battery type: Two 12 Volt 7Ah sealed lead acid in series	No. of detection circuits: 3
Battery charge voltage: 27.6VDC nominal (temperature compensated)	No. of sounder circuits: 2 x 1st Stage, 1 x 2nd Stage
Battery charge current: 0.7A maximum	Extinguishant release output: Rated at 1 Amp
Battery fuse: 20mm, 3.15A glass Sloblow	Extinguishant release delay: Adjustable 0 to 60 seconds (in 5 second steps)
Maximum current draw from batteries: 3 Amps	Extinguishant release duration: Adjustable 60 to 300 seconds (in 5 second steps)
Quiescent current of panel in mains fall: 0.095A	Normal Zone Impedance (EOL): 6.8K
Aux 24V output: Fused at 500mA with electronic fuse	Detector Alarm Impedance: 470 Ohm
NAC outputs: 24V Fused at 500mA with electronic fuse	Pull Station Alarm Impedance: 270 Ohm
Trouble relay contact rating: 30VDC 1A Amp maximum	Short circuit threshold: Short circuit Impedance 99 Ohms
Fire relay contact rating: 30VDC 1A Amp maximum	Supervised Inputs Normal Impedance (EOL): 6.8K
Local fire relay contact rating: 30VDC 1A Amp maximum	Supervised Inputs Alarm Impedance: 470 Ohm
First stage contact rating: 30VDC 1A Amp maximum	Supervised inputs Short circuit threshold: 99 Ohms
Second stage contact rating: 30VDC 1A Amp maximum	Status unit/Ancillary board connection: Two wire RS485 connection
Extract contact rating: 30VDC 1A Amp maximum	Status unit power output: Rated at 500mA with electronic fuse
Zone quiescent current: 2mA maximum	

Ordering Codes

Part number	Description
AS1810-10	Supreme XT - Red 115V
AS1810-11	Supreme XT - Red 230V
AS1810-40	Supreme XT - Gray 115V
AS1810-41	Supreme XT - Gray 230V

