T

Extinguishant Control Panel

Features

- Any single zone or any combinations of zones can be configured to release
- Configurable first stage sounder delays
- Configurable detection delays
- Zero time delay upon manual release option
- Compatible with I.S. barriers
- Non-latching zone input option to receive signals from other systems such as aspirating equipment
- Countdown timer shows time remaining until release
- Supports up to seven, four-wire status indicators
- Configurable extinguishant delays up to 60 seconds in 5 second steps
- Configurable extinguishant duration up to 5 minutes in 5 second steps
- Supports up to seven, four wire status indicators
- Built in Extract Fan control
- Approved and certified to EN12094-1, EN54-2
- and EN54-4
- UL and FM Approved version also available



Description

The industry leading Sigma XT extinguishant releasing panel, installed extensively in thousands of premises globally, offers outstanding value and performance for all small to medium fixed firefighting installations.

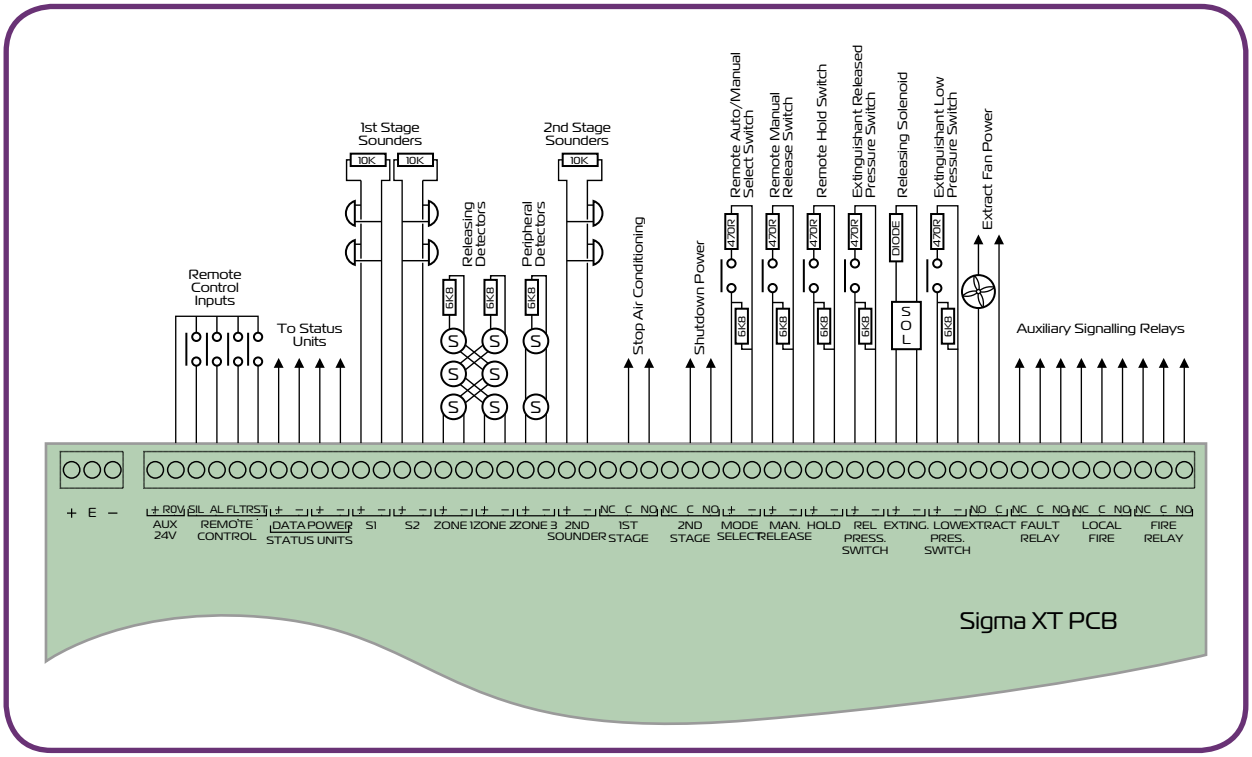
With three detection zones as standard, extinguishant release can be configured to activate from any combination of detection zone inputs.

Sigma XT panels are both robust and easy to install having all the electronics mounted on a single, easily removable, steel plate.

Programmable functions	
Access Level 2	Access Level 3
Test Zones 1 to 3	Sounder Delay
Disable Zones 1 to 3	Coincidence Detection
Disable 1st Stage Alarms	Disable Panel Features
Disable Pre-activated 1st Stage Relay	Zone Alarm Delays (Detectors)
Disable Pre-activated 2nd Stage Relay	Zone Alarm Delay (Call Points)
Disable Extract Fan Output	Configure Zone for I.S Barrier Use
Disable Manual Release Input	Zone Short Circuit Alarm
Disable Extinguishant Sub System	Zone Non Latching
Activate Extract Fan Output	Zone Inputs Delay
Activate Alarm Delays	Extinguishant Release Time Delay
	Extinguishant Release Duration Timer
	Extinguishant Reset Delay Timer

	1.2mm mild sheet steel
IP Rating	IP30
Finish	Epoxy powder coated
Colour - lid & box	BS 00 A 05 grey - fine texture
Colour - control panel & labels	RAL 7047 light grey - satin
Weight	6kg
Mains supply	230V AC +10%/-15% (100 Watts maximum)
Mains supply fuse	1.6 Amp (F1.6A L250V)
Power supply rating	3 Amps total including battery charge 28V +/- 2V
Maximum ripple current	200 millivolts
Battery type (Yuasa NP)	Two 12 Volt 7Ah sealed lead acid in series
Battery charge voltage	27.6VDC nominal (temperature compensated)
Battery charge current	0.7A maximum
Battery fuse	20mm, 3.15A glass
Maximum current draw from batteries	3 Amps
Quiescent current of panel in mains fail	0.095A
R0V output	Fused at 500mA with electronic fuse
Sounder outputs	24V Fused at 500mA with electronic fuse
Fault relay contact rating	30VDC 1A Amp maximum
Fire relay contact rating	30VDC 1A Amp maximum
Local fire relay contact rating	30VDC 1A Amp maximum
First stage contact rating	30VDC 1A Amp maximum
Second stage contact rating	30VDC 1A Amp maximum
Extract contact rating	30VDC 1A Amp maximum
Zone quiescent current	2mA maximum
Terminal capacity	0.5mm² to 2.5mm² solid or stranded wire
Number of detectors per zone	Dependent on type (maximum 32)
Number of sounders per circuit	Dependent on type (max. 0.5A per sounder circuit)
Detection circuit end of line	6K8 5% ½ Watt resistor
Monitored input end of line	6K8 5% ½ Watt resistor
Sounder circuit end of line	10K 5% ¼ Watt resistor
Extinguishant output EOL	1N4004 Diode
No. of detection circuits	3
No. of sounder circuits	2 x 1st Stage, 1 x 2nd Stage
Extinguishant release output	Fused at 1 Amp
Extinguishant release delay	Adjustable 0 to 60 seconds (in 5 second steps)
Extinguishant release duration	Adjustable 60 to 300 seconds (in 5 second steps)
SIL, AL, FLT, RST inputs	Switched -ve, max resistance 100 Ohms

	999 ohms to 400 ohms
Call point alarm threshold	399 ohms to 100 ohms
Short circuit threshold	99 ohms to 0 ohms
Head removal condition	15.5 to 17.5 volts
Cabling	FP200 or equivalent
Monitored inputs normal threshold	8K ohms to 1K ohm
Monitored inputs alarm threshold	999 ohms to 100 ohms
Monitored inputs Short circuit threshold	99 ohms to 0 ohms
Status unit/Ancillary board connection	Two wire RS485 connection
Status unit power output	Fused at 500mA with electronic fuse



Panels

Product Code	Description	Size (mm)
K11031M2	Surface mounting panel	385 x 310 x 90

s from time to time without notice.
ontained in this document it is not
description.