



BS-EN12094-1  
KM 96761



## Extinguishant Control Panel

### Features

- Complies with EN12094-1, EN54-2 and EN54-4
- Three detection zones as standard
- 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
- Configurable extinguishant delays up to 60 seconds in 5 second steps
- Configurable extinguishant 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

### Programmable 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 Extinguishant 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 Points)
- 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

### Product Overview

- Designed and manufactured to the highest standards in a quality controlled environment and with European EN12094-1 approvals, the Sigma XT extinguishant releasing panel 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 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 Sigma XT allow the functionality of the system to be extensively modified while still complying with the requirements of the controlling standard for the equipment (EN12094-1, EN54-2 and EN54-4).
- The panel contains a large LED display to enable easy configuration and control which also displays the time remaining until extinguishant release for added user safety.
- The countdown timer is duplicated on up to seven remote status units to provide local indication of the extinguishant system status.
- With all of the electronics mounted on a single, easily removable, steel plate Sigma XT panels are both robust and easy to install.
- Sigma XT is supplied in an enclosure that matches the design and colour of the Sigma CP range.



Model No. K11031M2

# Specification

### Status unit power output

- 1.2mm mild steel sheet
- IP30
- Epoxy powder coated
- BS 00 A 05 grey - fine texture
- RAL 7047 light grey - satin
- 230V AC +10%/-15% (100 Watts maximum)
- 1.6 Amp (F1.6A L250V)
- 3 Amps total including battery charge 28V +/- 2V
- 200 millivolts
- Two 12 Volt 7Ah sealed lead acid in series
- 27.6VDC nominal (temperature compensated)
- 0.7A maximum
- 20mm, 3.15A glass
- 3 Amps
- 0.095A
- Fused at 500mA with electronic fuse
- 24V Fused at 500mA with electronic fuse
- 30VDC 1A Amp maximum
- 30VDC 1A Amp maximum
- 30VDC 1A Amp maximum
- 30VDC 1A Amp maximum
- 30VDC 1A Amp maximum
- 30VDC 1A Amp maximum
- 2mA maximum
- 0.5mm<sup>2</sup> to 2.5mm<sup>2</sup> solid or stranded wire
- Dependent on type (maximum 32)
- Dependent on type (max. 0.5A per sounder circuit)
- 6K8 5% ½ Watt resistor
- 6K8 5% ½ Watt resistor
- 10K 5% ¼ Watt resistor
- 1N4004 Diode
- 3
- 2 x 1st Stage, 1 x 2nd Stage
- Fused at 1 Amp
- Adjustable 0 to 60 seconds (in 5 second steps)
- Adjustable 60 to 300 seconds (in 5 second steps)
- Switched -ve, max resistance 100 Ohms
- 8K ohms to 1K ohm
- 999 ohms to 400 ohms
- 399 ohms to 100 ohms
- 99 ohms to 0 ohms
- 15.5 to 17.5 volts
- FP200 or equivalent
- 8K ohms to 1K ohm
- 999 ohms to 100 ohms
- 99 ohms to 0 ohms
- Two wire RS485 connection
- Fused at 500mA with electronic fuse

## Panels

Product Code	Description	Size (mm)
K11031M2	Surface mounting panel	385 x 310 x 90
K11031F2	Flush mounting panel	415 x 315 x 86

