



Extinguishant Status Indicators

Sigma SI status units provide full remote indication and control for Sigma XT extinguishant control systems. Available with or without controls and with or without zonal fire and common fault indications there are models to cover the requirements for all types of system.

A four core, radial power and data connection is all that is required to connect up to seven status units to a control panel which means significant savings in cabling for most systems.

Ancillary PCB Features

- Two wire serial connection
- Up to 7 per system
- 230V AC or 24V DC powered versions
- Volt free relay outputs for fire and extinguishing system status
- Relay operated LED indicators



Model No. K911113M8



Model No. K911000M8



Model No. K911110M8



Model No. K911100M8



Model No. S588

Sigma Si Features

- Certified compliant with BS EN12094-1 Sigma XT control equipment
- High brightness LEDs
- Detailed indication of the status of the control panel
- Monitored data connection
- Countdown timer shows time remaining until release
- Manual only and Automatic & Manual mode select keyswitch option
- Four wire connection (data and power)
- Protected dual action manual release switch option
- Option for zonal fire and common fault indication with buzzer
- Robust, high quality enclosure
- Easy access to terminals
- Remote Auto/Manual door interlock input (monitored)
- Remote Hold input (monitored)
- Internal fault diagnosis indicators
- Weatherproof IP65 versions available
- Internal buzzer

Sigma Si Product Overview

- The Sigma SI range of status indicators provide detailed status information for Sigma XT extinguishant release control equipment.
- All models provide high brightness, LED indication of Manual Only, Automatic and Manual, Hold operated, Disabled, Imminent and Released conditions. Models are also available with zonal fire indicators and a common fault indicator.
- For systems where local control of the Automatic/Manual mode and or a Manual extinguishant release control are required, units are available with these controls fitted.
- All models have monitored inputs for the remote connection of Automatic/ Manual mode and Hold switches.
- All units contain a large, LED display which shows a countdown of the time remaining until the extinguishant is released in seconds.

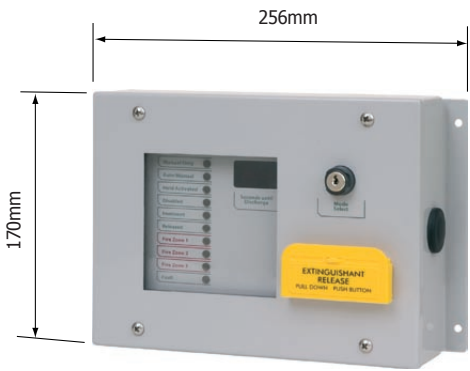
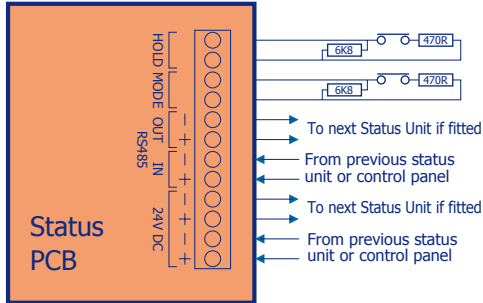
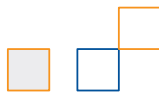
Ancillary PCB Product Overview

- The SIGMA XT Ancillary Board is compatible with all Sigma XT control panels which have operating software version SIGXT_11A.HEX or above.
- The board provides volt free normally open contacts allowing control of sub-systems and plant remotely from the main panel over a two wire data bus.
- Mains powered, boxed Ancillary boards require only a two core data cable from the main control panel. 24V DC versions require an additional two cores for power either from the main panel or from another 24V DC source.
- Up to 7 Ancillary boards can be connected to a control panel and each is allocated an address from 1 to 7 using a binary coded DIL switch. The total length of the data cable from the main panel to the last repeater must not exceed 1200 metres.
- A mixture of status units and Ancillary boards, up to a maximum of 7 of each type, can be connected to the serial data bus.



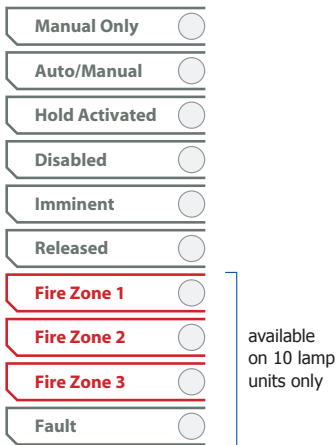
Specifications

DS40.01.2005



Weatherproof version (IP65) Model No. W911113W8 60mm Deep

Indications



Certificate No. FM 32987
BS EN ISO 9001: 2000



Certificate No. 360
BS EN ISO 9001: 2000

Technical

Ancillary PCB

- Size (PCB only) - 155mm (W) x 136mm (H)
- Size (Boxed PCB) - 385mm (W) x 310mm (H) x 90mm (D)
- Construction (Boxed) - 1.2mm mild steel
- Colour - BS 00 A 05 (grey texture) - lid & box
- Supply voltage (K03750M2) - 230V AC (+10%/-15%)
- Supply voltage (K03000M2) - 20-30V DC
- Mains supply fuse - 1.6A 250V
- Power supply DC rating - 24V 0.75 Amp
- Maximum battery size - 2Ah 24V (2 per panel)
- Contact ratings - 30V DC 1 Amp
- Cable capacity - 2.5mm² per terminal
- Operating temperature - -5°C to +50°C
- Operating humidity - <95% (non condensing)

Technical

Sigma Si

- Power supply - 21 to 30 V DC
- Maximum current draw - 0.07A
- Maximum number of status units - 7
- Quiescent current - 0.033A
- Cable capacity - 2.5mm² per terminal
- Monitored inputs end of line resistor - 6K8 0.5W Resistor
- Monitored inputs normal threshold - 8K ohm to 1K ohm
- Monitored inputs trigger threshold - 700 ohms to 100 ohms
- Monitored inputs Short circuit threshold - 99 ohms to 0 ohms
- Data connection - Two wire RS485 connection (max 1200 metres)

Equipment

Product Code	Description
K911000M8	6 lamp status unit surface
K911000F8	6 lamp status unit flush
K911100M8	6 lamp status unit with mode select keyswitch surface
K911100F8	6 lamp status unit with mode select keyswitch flush
K911110M8	6 lamp status unit with mode select keyswitch and manual release surface
K911110F8	6 lamp status unit with mode select keyswitch and manual release flush
K911113M8	10 lamp status unit with mode select keyswitch and manual release surface
K911113F8	10 lamp status unit with mode select keyswitch and manual release flush
W911000W8	IP65 - 6 lamp status unit surface
W911100W8	IP65 - 6 lamp status unit with mode select keyswitch surface
W911110W8	IP65 - 6 lamp status unit with mode select keyswitch and manual release surface
W911113W8	IP65 - 10 lamp status unit with mode select keyswitch and manual release surface
S588	Stand alone ancillary PCB
K03000M2	Boxed ancillary PCB
K03750M2	Boxed ancillary PCB with 0.75A PSU

Extinguishant