

Extinguishant Status Indicators

Sigma Si Features

- Certified compliant with BS EN12094-1 when used with 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

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. S588



Model No. K911000M8



Model No. K911111M8



Model No. K911100M8



Model No. K911110M8

Sigma Si Product Overview

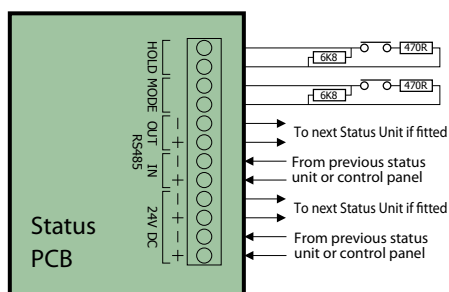
- The Sigma Si range of status indicators provide detailed status information for Sigma XT/XT+ extinguishant release control equipment.
- All models provide high brightness, LED indication of Manual Only, Automatic and Manual, Hold operated, Disabled, Imminent and Released conditions. Models are also 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.

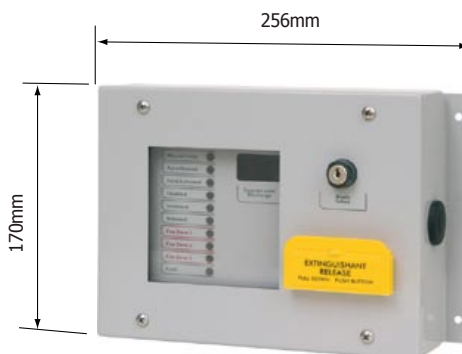


Model No. K911113M8



- Manual Only
- Auto/Manual
- Hold Activated
- Disabled
- Imminent
- Released
- Fire Zone 1
- Fire Zone 2
- Fire Zone 3
- Fault

available on 10 lamp units only



Weatherproof Version
Model No. W91113W8*

Specifications

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
K911010M8	6 lamp status unit with manual release surface
K911010F8	6 lamp status unit with manual release 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
K588	Stand alone ancillary PCB
K03000M2	Boxed ancillary PCB
K03750M2	Boxed ancillary PCB with 0.75A PSU

* Not suitable for Sigma XT+ / Syncro XT+ or Sigma XT+ ECU products

Ancillary PCB Technical

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 - lid & box	- BS 00 A 05 grey - fine texture
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	- 2.5mm ² per terminal
Operating temperature	- -5°C to +50°C
Operating humidity	- <95% (non condensing)

Sigma Si Technical

Power supply	- 21 to 30V DC
Maximum current draw	- 0.07A
Max. number of status units	- 7
Quiescent current	- 0.033A
Cable capacity	- 2.5mm ² 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)