

# Sigma Si

## Extinguishant Status Indicators

### 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

### 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.



Model No. K91100M8



Model No. K91101M8



Model No. K91110M8



Model No. K91111M8



available on 10 lamp units only



## Equipment

Product Code	Description	Size (mm)
<b>K91100M8</b>	6 lamp status unit surface	186 x 132 x 50
<b>K91100M8</b>	6 lamp status unit with mode select keyswitch surface	186 x 132 x 50
<b>K911010M8</b>	6 lamp status unit with manual release surface	186 x 132 x 50
<b>K91110M8</b>	6 lamp status unit with mode select keyswitch and manual release surface	186 x 132 x 50
<b>K91113M8*</b>	10 lamp status unit with mode select keyswitch and manual release surface	186 x 132 x 50
<b>W91100W8</b>	IP65 - 6 lamp status unit surface	256 x 170 x 60
<b>W91100W8</b>	IP65 - 6 lamp status unit with mode select keyswitch surface	256 x 170 x 60
<b>W91110W8</b>	IP65 - 6 lamp status unit with mode select keyswitch and manual release surface	256 x 170 x 60
<b>W91113W8*</b>	IP65 - 10 lamp status unit with mode select keyswitch and manual release surface	256 x 170 x 60

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

## Technical

<b>Construction</b>	- 1.2mm mild sheet steel
<b>IP Rating (Standard unit)</b>	- IP30
<b>IP Rating (Weatherproof unit)</b>	- IP65
<b>Colour - lid &amp; box</b>	- BS 00 A 05 grey - fine texture
<b>Weight</b>	- 1kg (all units)
<b>Power supply</b>	- 21 to 30 V DC
<b>Maximum current draw</b>	- 0.07A
<b>Max. number of status units</b>	- 7
<b>Quiescent current</b>	- 0.033A
<b>Cable capacity</b>	- 2.5mm <sup>2</sup> per terminal
<b>Monitored inputs end of line resistor</b>	- 6K8 0.5W Resistor
<b>Monitored inputs normal threshold</b>	- 8K ohm to 1K ohm
<b>Monitored inputs trigger threshold</b>	- 700 ohms to 100 ohms
<b>Monitored inputs short circuit threshold</b>	- 99 ohms to 0 ohms
<b>data connection</b>	- Two wire RS485 connection (max 1200 metres)

