

Sigma Si & Hold Switch

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

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.

Hold off Product Overview

- Available with red or green actuators (BS 7273-1 recommends white with red button)
- Shrouded push button to prevent accidental operation
- Fitted with normally open and normally closed contacts to allow operation with monitored and unmonitored systems
- Robust all steel enclosure



Model No. K91000M0



Model No. K91113M8



Model No. K91100M8



Model No. K91111M8



Model No. K91110M8



Model No. K91110M8



available
on 10 lamp
units only



Equipment

Product Code	Description	Size (mm)
K911000M8	6 lamp status unit surface	186 x 132 x 50
K911000F8	6 lamp status unit flush	186 x 132 x 55
K911100M8	6 lamp status unit with mode select keyswitch surface	186 x 132 x 50
K911100F8	6 lamp status unit with mode select keyswitch flush	186 x 132 x 55
K911010M8	6 lamp status unit with manual release surface	186 x 132 x 50
K911010F8	6 lamp status unit with manual release flush	186 x 132 x 55
K911110M8	6 lamp status unit with mode select keyswitch and manual release surface	186 x 132 x 50
K911110F8	6 lamp status unit with mode select keyswitch and manual release flush	186 x 132 x 55
K91113M8*	10 lamp status unit with mode select keyswitch and manual release surface	186 x 132 x 50
K91113F8*	10 lamp status unit with mode select keyswitch and manual release flush	186 x 132 x 55
W911000W8	IP65 - 6 lamp status unit surface	256 x 170 x 60
W911100W8	IP65 - 6 lamp status unit with mode select keyswitch surface	256 x 170 x 60
W91110W8	IP65 - 6 lamp status unit with mode select keyswitch and manual release surface	256 x 170 x 60
W91113W8*	IP65 - 10 lamp status unit with mode select keyswitch and manual release surface	256 x 170 x 60
K91000M10	Extinguishant hold off switch unit - green button	97 x 97 x 45
KB91000M10	Extinguishant hold off switch unit - red button	97 x 97 x 45

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

Sigma Si Technical

Construction	- 1.2mm mild sheet steel
IP Rating (Standard unit)	- IP30
IP Rating (Weatherproof unit)	- IP65
Colour - lid & box	- BS 00 A 05 grey - fine texture
Weight	- 1kg (all units)
Power supply	- 21 to 30 V 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)

Hold off Technical

Construction	- 1.2mm mild sheet steel
IP Rating	- IP30
Colour - lid & box	- White
Weight	- 1kg
Contacts	- 1 N.O and 1 N.C
Trigger resistor	- 470R 1 Watt