

SHIELD

A-Si & Abort Switch

NEW!



Extinguishant Status Indicators



Features

- UL864 and FM listed
- High brightness LEDs
- Detailed indication of the status of the control panel
- Supervised 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 trouble indication with buzzer
- Robust, high quality enclosure
- Easy access to terminals
- Remote Auto/Manual door interlock input (supervised)
- Remote Abort input (supervised)
- Internal trouble diagnosis indicators

Product Overview

- The A-Si range of status indicators provide detailed status information for Sigma A-XT releasing control equipment.
- All models provide high brightness, LED indication of Manual Only, Automatic and Manual, Abort operated, Disabled, Imminent and Released conditions. Models are also available with zonal fire indicators and a common trouble 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 supervised inputs for the remote connection of Automatic/ Manual mode and abort switches.
- All units contain a large, LED display which shows a countdown of the time remaining until release in seconds.

Abort Switch

Product Overview Shield

- The A-XT Abort switch connects to the Abort terminals of the A-XT releasing panel. Any number of Sigma A-XT Abort switches may be connected to the circuit.
- The last switch must have the end of line device from the Abort circuit terminals of the A-XT releasing panel fitted across its connections to provide open and short circuit supervision.
- The unit is supplied mounted to a rugged steel enclosure but may also be flush mounted to a single gang electrical box.

Specifications

Equipment

Manual Only	<input type="radio"/>
Auto/Manual	<input type="radio"/>
Abort Activated	<input type="radio"/>
Disabled	<input type="radio"/>
Imminent	<input type="radio"/>
Released	<input type="radio"/>
Fire Zone 1	<input type="radio"/>
Fire Zone 2	<input type="radio"/>
Fire Zone 3	<input type="radio"/>
Trouble	<input type="radio"/>

Product Code	Description	Size (mm)
S106R-SM	6 lamp status unit surface mount - red	186 x 132 x 50
S106G-SM	6 lamp status unit surface mount - gray	186 x 132 x 50
S106R-FM	6 lamp status unit flush mount - red	186 x 132 x 55
S106G-FM	6 lamp status unit flush mount - gray	186 x 132 x 55
S6MSR-SM	6 lamp status unit with mode select keyswitch surface mount - red	186 x 132 x 50
S6MSG-SM	6 lamp status unit with mode select keyswitch surface mount - gray	186 x 132 x 50
S6MSR-FM	6 lamp status unit with mode select keyswitch flush mount - red	186 x 132 x 55
S6MSG-FM	6 lamp status unit with mode select keyswitch flush mount - gray	186 x 132 x 55
S111R-AB	Elite Extinguishing Abort switch surface mount - red	98 x 98 x 59
S111G-AB	Elite Extinguishing Abort switch surface mount - gray	98 x 98 x 59

* Not UL/FM Listed

Technical

Construction	- 1.2mm mild sheet steel
IP Rating	- IP30
Colour - lid & box	- Red (optional grey)
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	- 99 ohms to 0 ohms
Short circuit threshold	
Data connection	- Two wire RS485 connection (max 1200 metres)

Abort Switch Technical

Construction	- 1.2mm mild sheet steel
IP Rating	- IP30
Colour	- Red (optional grey)
Switch rating	- 1A at 30V DC
Trigger resist	- 470R 1W
End of line resistor	- 6K8 1/2 W

SHIELD

**SHIELD FIRE, SAFETY
AND SECURITY LTD**

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Accessories

MANUAL BREAK GLASS UNIT Model: BG1000 Series



Supply voltage : 24V DC
Electrical monitoring : 470R series resistor
Colour : Red
Operating temperature: -20° C to + 80° C

MANUAL BREAK GLASS UNIT (with cover) Model: BG1000C Series



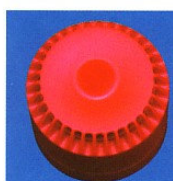
Supply voltage : 24V DC
Electrical monitoring : 470R series resistor
Colour : Red
With transparent cover

REMOTE LED INDICATOR Model: RI1000 Series



Nominal voltage : 24V DC
Alarm indicator : 2x8mm red LED
Colour : White
Weight : 100 grams

SOUNDER Model: SN1000 Series



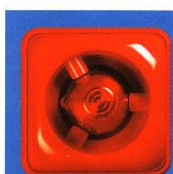
Nominal voltage : 24V DC
Current : 16 mA
Colour : Red
Sound output : 100dBA @ 1 mtr.
Weight : 300 grams

SIREN Model: SR500 Series



Nominal voltage : 24V DC
Current : 28 mA
Colour : White
Sound output : 10dBA @ 1mtr.

SIREN WITH STROBE Model: SRS500 Series



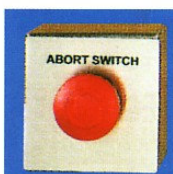
Nominal voltage : 24V DC
Current : 28 mA
Colour : Red
Sound output : 10dBA @ 1 mtr.

XENON BEACON Model: XB1000 Series



Nominal voltage : 24V DC
Current : 40 mA
Colour : Red
Flash frequency : 1Hz
Flash energy : 0.7J
Weight : 300 grams

ABORT SWITCH Model: AS500 Series



Voltage : Free contact
Contacts : NO, NC
Colour : Available in different colours
Operating Temperature: -20°C to + 80°C

MANUAL RELEASE STATION (Yellow) Model: RS1000 Series



Supply voltage : 24V DC
Electrical Monitoring : 470R series resistor
Operating Temperature: -20°C to +80°C
Colour : Yellow
with transparent cover (optional)

FIRE ALARM BELL Model: FB1000 Series



Alarm Bell 6" & 8" Normal Voltage 24 V DC
Current: 60mA, Colour: Red

FB6	6"	85 dBA @ 1 mtr.
FB8	8"	87 dBA @ 1 mtr.
FB6W	6"	85 dBA @ 1 mtr.
FB8W	8"	87 dBA @ 1 mtr.

Weatherproof back box available on request