



SIGMA A-SI

Extinguishant Status & Ancilliary Units UL/FM Approved

Sigma A-CP Features

- ▶ High brightness LED's
- ▶ Detailed indication of the status of the Control Panel
- ▶ Supervised data connection
- ▶ Countdown shows time remaining until release
- ▶ Manual only and Automatic & Manual mode select
- ▶ 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



Disablement Switch Features

- ▶ High brightness LED's
- ▶ Detailed indication of the status of the Control Panel
- ▶ Supervised data connection

Description

The Sigma A-Si range of status indicators provides 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 that shows a countdown of the time remaining until release in seconds.

Up to seven Sigma A-SI status units can be connected to the Sigma A-XT serial bus and require just two cores for data and two cores for power. Once connected, status units are supervised, and the Sigma A-XT control panel will indicate a trouble condition should any unit become disconnected.



K1821-11



K1821-13



K1821-15



K1821-17



K1821-19



K1823-10 K1832-10

Equipment		
Product Code	Description	Size (mm)
K1821-11	6 lamp status unit surface mount - red	190 x 136 x 50
K1821-41	6 lamp status unit surface mount - grey	190 x 136 x 50
K1821-13	6 lamp status unit with mode select keyswitch surface mount - red	190 x 136 x 50
K1821-43	6 lamp status unit with mode select keyswitch surface mount - grey	190 x 136 x 50
K1821-15*	6 lamp status unit with manual release surface mount - red	190 x 136 x 50
K1821-45*	6 lamp status unit with manual release surface mount - grey	190 x 136 x 50
K1821-17*	6 lamp status unit with mode select keyswitch & manual release surface mount - red	190 X 136 X 50
K1821-47*	6 lamp status unit with mode select keyswitch & manual release surface mount - grey	190 X 136 X 50
K1821-19*	10 lamp status unit with mode select keyswitch & manual release surface mount - red	190 x 136 x 50
K1821-49*	10 lamp status unit with mode select keyswitch & manual release surface mount - grey	190 x 136 x 50





Equipment			
Product Code	Description	Size (mm)	
K1823-10	Elite Extinguishing Abort switch surface mount - red	102 X 102 X 59	
K1823-40	Elite Extinguishing Abort switch surface mount - grey	102 X 102 X 59	
K1832-10	Elite Disablement switch surface mount - red	102 X 102 X 59	
K1832-40	Elite Disablement switch surface mount - grey	102 X 102 X 59	

Sigma A-Si Specifications			
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	o.o33A		
Cable capacity	2.5mm² per terminal		
Monitored inputs end of line resistor	6K8 o.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 o ohms		
Data connection	Two wire RS485 connection (max 1200 metres)		

Manual Only	0
Auto/Manual	0
Abort Activated	\circ
Disabled	\bigcirc
Imminent	\bigcirc
Released	\bigcirc
Fire Zone 1	\bigcirc
Fire Zone 2	0
Fire Zone 3	0
Trouble	\bigcirc

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

