

SCS SERIES SMOKE CONTROL STATION

SCS-8A, SCE-8A, SCS-8L, SCE-8E

GENERAL

SCS series Smoke Control Stations include the SCS-8A and SCE-8A Smoke control modules and the SCS-8L and SCE-8L lamp driver versions.

These provide Firelite SMX+ panel and NCA-2 network annunciator capability to add a local or remote Fire Fan Control Panel for HVAC applications.

Each SCS provides control and status indication for up to eight Fire Fans, Dampers or groups of Fans or Dampers. Smoke Control active indication and Reset input is also provided.

One SCE Smoke Control Expander can be used with SCS expanding the capability to control and indicate for up to 16 switch groups. Up to 10 annunciator addresses are supported on Firelite systems, providing a maximum capability to control and monitor 160 separate switch groups.

SCS-8L and SCE-8L lamp drivers are available to provide support for Custom Graphic Annunciators.



FEATURES

- Communicates via ACS bus and addresses via rotary decade switches.
- Locking three-position switches(SCS-8A and SCE-8A only).
- Green, red and amber LED indication for Fan or damper status, The SCS-8 run LED blinks when Duct Probe is activated.
- Integrated Smoke Control active indication and Reset input.
- Custom labelling provided by slide-in label insert.

SPECIFICATIONS

Electrical Specifications

ITEMS	B501AUS SPEC
SUPPLY VOLTAGE	20 VDC to 28 VDC
QUIESCENT CURRENT	33mA
MAXIMUM CURRENT DRAW	20mA per LED when LED ON
MAXIMUM NUMBER OF SMOKE CONTROLS ANNUNCIATORS	10 X SCS-8A; Only one SCE-8A per SCS-8A (i.e maximum configuration of 10 pairs with each Firelite SMX+ panel)

Environmental Specifications

ITEMS	B501AUS SPEC
TEMPERATURE RANGE	0°C to 49°C
RELATIVE HUMIDITY	93% (Non-condensing)

NOTE

It is recommended that this system and all peripherals be installed in an environment with a nominal room temperature of 15°C to 27°C.

ORDER INFORMATION

PART NUMBER	DESCRIPTION
SCS-8A	Smoke Control Master Module. Eight switches expandable to 16 with SCE-8A.
SCE-8A	Smoke Control Expander Module expands the SCS-8A switches to 16.
SCS-8L	Smoke Control Lamp Driver Master Module. Eight switches expandable to 16 with SCE-8A.
SCE-8L	Smoke Control Lamp Driver Expander Module expands the SCS-8A switches to 16.
SCS8L-CBL24	24" (60.96 cm) long cable used to connect SCS-8L/SCE-8L outputs to lamps or LEDs.
SCS8L-CBL48	48" (121.92 cm) long cable used to connect SCS-8L/SCE-8L outputs to lamps or LEDs.
ABS-4D	Annunciator Surface Box. Mounts four modules. Attractive window with key-lock door, 12.0" (30.48 cm) x 19.938" (50.641 cm) x 3.5" (8.89 cm). Door adds 1.25" (3.175 cm) to depth.

NOTE

See panel data sheets and manuals' lists of compatible devices for appropriate intelligent control and monitor modules.

For more information

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This document is not intended for installation purposes. We try to keep our product information up-to-date and accurate. We cannot cover all specific applications or anticipate all requirements. All specifications are subject to change without notice.

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AGENCY LISTINGS AND APPROVALS

The listings and approvals below apply to SCS Series components. In some cases, certain modules or applications may not be listed by certain approval agencies, or listing may be in process. Consult factory for latest listing status.

Meets relevant requirements of AS1670.1: 2018 section 7.15.



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