

STANLEY

Security Solutions

Intelligent Fire Alarm Control Panel

Intelligent Fire Alarm Control Panel

SCSS-700/SCSS-700ND

The SCSS-700 is an intelligent analog/addressable fire alarm control panel (FACP). The basic SCSS-700 panel contains one built in signaling line circuit (SLC), which can support 159 LiteSpeed sensors and 159 LiteSpeed modules or per loop. Additional SLC loops can be added using the model 5815XL SLC expander to increase the overall point capacity to a maximum of 636 points per panel.

SCSS-700 has the interconnection capability for up to 8 panels. The system has two modes of operation, multiple panels covering one larger building, or multiple independent buildings.

SCSS-700ND is used in a networked system where at least one SCSS-700 is in the system. It is the same as an SCSS-700 without the display.

SCSS-700 has eight on-board Flexput™ circuits that can be configured for auxiliary power, notification outputs, or for conventional smoke detector inputs (Class A or Class B). The FACP also has a built-in, dual-line digital fire communicator, Form C trouble relay, and two programmable Form C relays. SCSS-700 has powerful features such as detector sensitivity, day/night thresholds, drift compensation, pre-trouble maintenance alert, and calibration trouble alert.

SCSS-700 supports a variety of devices, including SCSS-700ANN remote annunciator, 5824 serial/parallel printer interface module (for event logging system reports), intelligent power module, and Fire-Lite (LiteSpeed) devices.

Features

- Built-in support for up to 159 LiteSpeed sensors and 159 LiteSpeed modules. SLC expander will increase overall capacity to 636 points per SCSS-700 panel.
- SCSS-700ND is used in a networked system where at least one SCSS-700 is in the system.
- Up to eight SCSS-700 or SCSS-700ND panels can be networked providing up to 5088 total points.
- Networked panels can be configured to emulate a large virtual system or can be segmented into separate sites for multiple building applications.
- Built-in UL listed digital communicator for remote reporting of system activity and system programming.
- 9.0A of output power is available through 8 sets of terminals for notification and auxiliary applications per panel.
- Supports Class B (Style 4) and Class A (Style 6 or Style 7) configuration for SLC, and SBUS's.
- Flexput™ I/O circuits configurable for auxiliary power, notification outputs, or conventional smoke detector inputs. Notification circuits can be configured as Class A (Style Z) or Class B (Style Y). 2- and 4-wire smoke detectors can be configured as Class A (Style D) or Class B (Style B).

Agency Listings



City of NY
COA# 6017



SCSS-700

- Built-in USB interface for programming.
- Two RS-485 buses provide communication to system accessories.
- Dedicated Form C trouble relay and two general purpose Form C programmable relays rated at 2.5 amps at 24 VDC.
- 13 preset notification cadence patterns (including ANSI 3.41) and four user programmable patterns.
- Four line LCD display with 40 characters per line.
- Built-in synchronization for appliances from AMSECO, Gentex®, System Sensor®, and Wheelock®.
- 999 software zones and 999 output groups.
- Programmable date setting for Daylight Saving Time.
- JumpStart auto programming allows for faster set up time by selecting default options for many programming tasks.
- The SCSS-700 / SCSS-700ND can be surface or flush mounted.
- Four programmable function keys.

P/N 351520 Rev A

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Specifications

Physical

Flush Mount Dim: 14.75"W x 25"H x 4"D
(37.5 W x 63.5 H x 10.16 D cm)

Overall Dimensions: 16"W x 26.4"H x 4.65"D
(40.6 W x 67 H x 11.8 D cm)

Weight: 28 lbs. (12.8 kg)

Color: Red

Environmental

Operating Temperature: 32°F – 120°F (0°C – 49°C)

Humidity: 10% – 93% non-condensing

Electrical

SCSS-700 AC: 120 VAC, 50/60 Hz, 5.0A

Total Accessory Load: 9A @ 24 VDC power-limited

Standby Current: 290 mA

Alarm Current: 530 mA

Battery Charging Capacity: 17 to 55 AH

Battery Size: 18 AH max. allowed in control panel cabinet.
Larger capacity batteries can be housed in RBB or AB-55
accessory cabinet.

Flexput Circuits

Eight circuits that can be programmed individually as:
Notification Circuits: 3A per circuit @ 24 VDC, power-limited
Auxiliary Power Circuits: 3A per circuit @ 24 VDC, power-limited

Initiation Circuit: 100 mA per circuit @ 24 VDC, power-limited

Indicator Lights

General Alarm (Red): On when in alarm

Supervisory (Yellow): On when a supervisory condition exists

System Troubles (Yellow): On when a trouble condition exists

System Silenced (Yellow): On when an alarm, trouble or
supervisory condition has been silenced but not yet cleared

System Power (Green): Off for AC failure; On when power
systems are normal

Telephone

Requirements: FCC Part 15 & Part 68 approved

Jack: RJ31X (two required)

Approvals (Pending)

NFPA 13, NFPA 15, NFPA 16, NFPA 70, & NFPA 72: Central
Station; Remote Signalling; Local Protective Signalling
Systems; Auxiliary Protected Premises Unit; & Water Deluge
Releasing Service. Suitable for automatic, manual, waterflow,
sprinkler supervisory (DACT non-coded) signalling services

Other Approvals: UL Listed, City of New York, and CSFM

Approved Releasing Solenoid

Manufacturer	Part number	Rating	Current	Freq
Asco	T8210A107	24 VDC	3 A max	0 Hz
Asco	8210G207	24 VDC	3 A max	0 Hz

Ordering Information

SCSS-700	Intelligent Fire Alarm Control Panel
SCSS-700ND	Intelligent Fire Alarm Control Panel without built in display

SBUS Accessories

SCSS-700ANN	Red Remote Annunciator. Four line LCD annunciator with 40 characters per line
SCSS-700ANNG	Gray Remote Annunciator. Four line LCD annunciator with 40 characters per line
5815XL	Signal Line Circuit (SLC) Expander
5496	6 amp intelligent Power Module
5824	Serial/Parallel Printer Interface Module
5880	LED I/O Module
5865-3 & 5865-4	LED Fire Annunciators
5883	Relay Interface Board

Fire-Lite (LiteSpeed) Devices

See the specification sheets listed below for a complete
listing of the devices

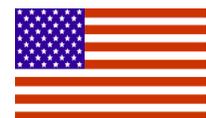
15384	Fire-Lite Protocol devices specification sheet
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Miscellaneous Accessories

SCSS-700PK	Software Suite - 2. Provides programming, upload/download, and event reporting
RBB	Remote Battery Box Accessory Cabinet. Use for backup batteries up to 35 AH. Dimensions: 16" W x 10" H x 6" D (40.64 W x 25.4 H x 15.24 D cm)
AB-55	Remote Battery Box Accessory Cabinet. Use for backup batteries that are 35 AH - 55AH. Dimensions: 20" W x 12" H x 7.5" D (50.8 W x 30.48 H x 19.05 D cm)

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This document is not intended to be used 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. For more information, contact Stanley Convergent Security Solutions, Inc. Phone: (877)476-4968 www.stanleycss.com



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