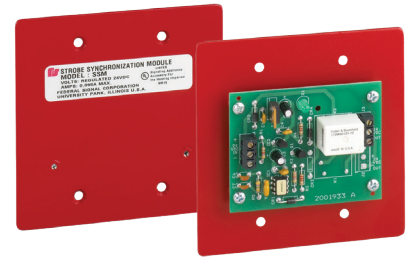


► Model SSM

Synchronous Strobe Modules



The Model SSM, Synchronous Strobe Module, is an electronic timing mechanism designed to energize select Federal Signal low in-rush 24 Vdc strobe lights while maintaining the ability to remotely supervise the light circuit. This module is designed to synchronize a special series of Federal Signal lights, which meet the requirement for Private-Mode Fire Alarm use, while maintaining the agency approval and environmental rating of the light. The SSM is only compatible with Federal Signal brand strobe and LED lights.

The SSM enables the customer to meet local building codes through a visually appealing “single-flash” created by the simultaneous control of lights connected to it. Mixed signals are reduced to a minimum as reflection of many light pulses are now viewed as one single flash.

The SSM mounts to the plaster ring of a double-gang electrical box and requires 24 Vdc at all times to operate the timing circuit. Screw terminals are provided for field termination of control wiring. Electrically, the SSM should be mounted in the middle of the circuit, with a maximum cable distance of 100' from the SSM to each light. Supervision is accomplished the same as without the SSM, with a flash rate of 72 flashes per minute in lieu of the advertised flash rate for each light. The SSM is capable of switching 6 A of current. Please note: Not all strobe lights have the same in-rush current; and therefore, the SSM's circuit's switching potential may be reduced. Please see the application drawings on the second page.



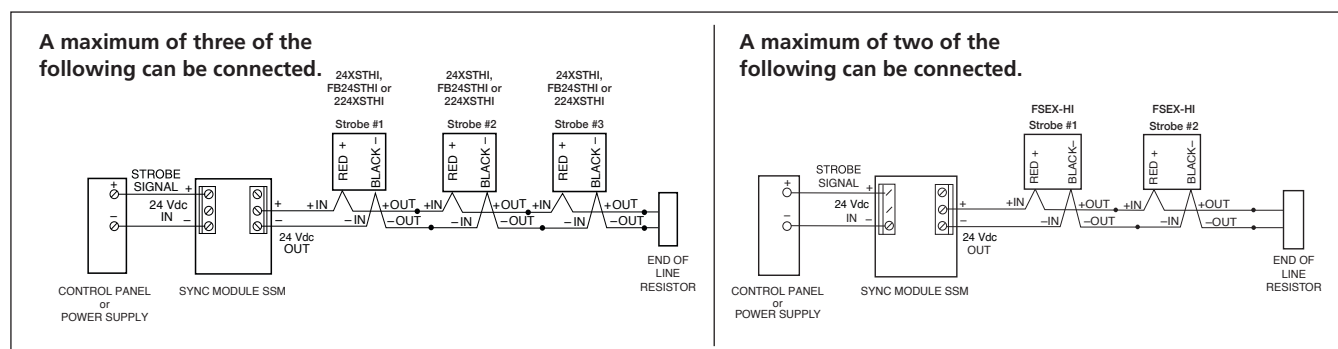
FEATURES

- Synchronizes strobe and LED lights to (72) flashes per minute
- Mounts on double-gang electrical box
- UL1971 Approved for hearing impaired applications when used with UL Fire Listed strobe beacons
- Polarized design allows for remote supervision
- Compatible with select Federal Signal model strobe lights and LEDs (see chart)

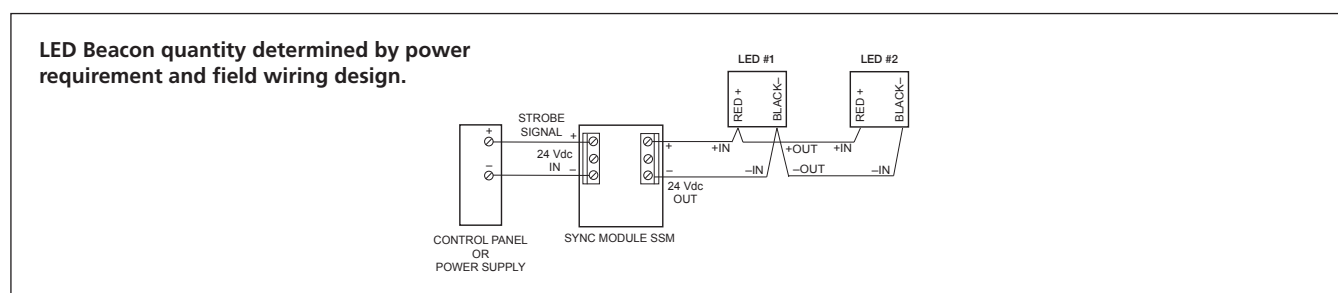
MODEL	VOLTAGE	OPERATING CURRENT
SSM	24 Vdc	0.095 A

Synchronous Strobe Modules (SSM)

UL Private Mode Fire with UL 1971/1638 Strobe Beacons



General Visual Signaling with Steady ON LED Beacons



SPECIFICATIONS

Operating Temperature:	32° to 120°F (0° to 49°C)
Net Weight:	0.53 lb (0.24 kg)
Shipping Weight:	0.93 lb (0.42 kg)
Height:	4.5 in (114.3 mm)
Width:	4.5 in (114.3 mm)
Depth:	1.12 in (28.4 mm)

HOW TO ORDER

Specify Model:

Description	Part Number
Synchronous Strobe Module	SSM

ACCESSORIES

Description	Part Number
Compatible UL Fire Strobe Lights	
3 per circuit	24XSTHI
Series E, 2 per circuit	27XST-024*-MOD
Series C, 3 per circuit	224XST-024*
Series B, 3 per circuit	224XSTHI-024C
Series B, 3 per circuit	225XST-I-024*
Series B, 3 per circuit	FB24ST-024*
Series C, 3 per circuit	FB24STHI-024C
Series B, 3 per circuit	FB2PST-I-024*
Series D, 2 per circuit	FSEX-24PM*-MOD
Series D, 2 per circuit	FSEX-HI-MOD

* Compatible with any color offered per model

Compatible General Visual Signaling LED Models

7 per circuit	191XL-024
7 per circuit	191XL-CN-024
7 per circuit	225XL-024
7 per circuit	27XL-024-MOD
37 per circuit	LP3_L-024
10 per circuit	G-LED

* LEDs must be in steady-on pattern in order to be synchronized by the SSM