

ZMS4 SYNCHRONIZATION & TEMPORAL PATTERN GENERATOR CONTROL MODULE

UL 1971 COMPLIANT

Applications

The Gentex control module is designed to provide an easy way to synchronize multiple strobe light flashes in those rare instances where a synchronized flash is required. The control module also has the capability to generate and synchronize multiple horn signals with a code 3 temporal pattern. For the horn to operate correctly, it must produce a continuous tone when powered from a continuous source of rated supply without the control module. By incor-

porating the control module as shown in the following drawings, the control module will control the power to the horns to produce the synchronized temporal pattern. When using the Z-Series strobe lights, synchronization may also be attained without the use of a control module if the fire alarm control panel is capable of providing pulsed power with a minimum power off time of 14mS and a maximum power off time of 50mS and with a repetition rate of 1 sec.



ZMS4 CONTROL MODULE

Standard Features

- Generate and Synchronize Code 3 Temporal Pattern
- Operates the Following Gentex Horn and Horn/Strobe Series that Generate a Continuous Tone: GXS, GX90/GX90S and GMH/GMS. (Also Operates HG/SHG Series Manufactured Before 2/16/98.)
- Easy to Install
- Module is Rated for 3 Amps at 24 VDC
- Synchronizes to 1Hz Flash Rate

Approvals



This symbol on the product's nameplate means it is Listed by UNDERWRITERS LABORATORIES, INC.

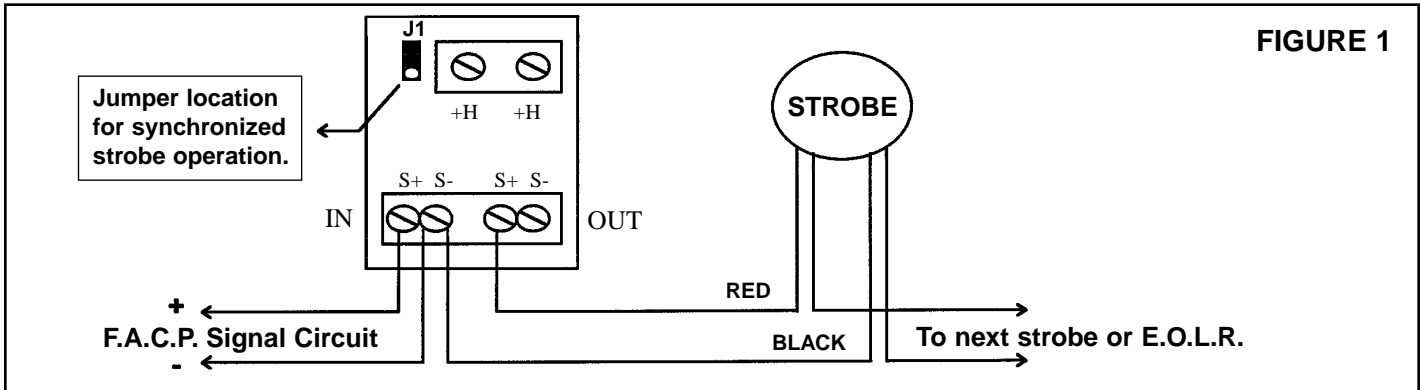
- Americans with Disabilities Act (ADA 4.28.3)
- BFP (City of Chicago)
- BS+A/MEA
- CSFM: 7300-0569:121
- UL 464, UL 1971, UL 1638

Available Models

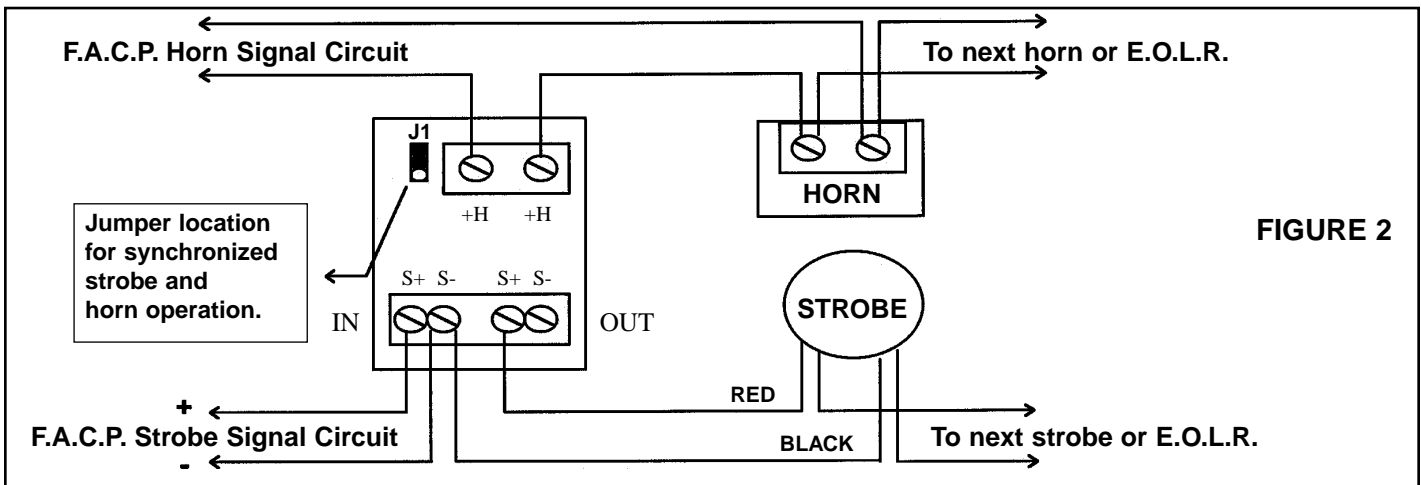
Model Number	Operating Voltage	INRUSH (mA)	PEAK (mA)	DC (mA)	FWR (mA)	Cd
ZMS4	21 VDC	—	—	19	—	—
	24 VDC	—	—	20	—	—
	30 VDC	—	—	21	—	—
	21 VFWR	—	—	—	19	—
	24 VFWR	—	—	—	20	—
	30 VFWR	—	—	—	21	—
STROBE RATED CURRENT						
Gentex *4-15/75Z Strobes	21 VDC	420	440	144	—	15*
	24 VDC	490	680	130	—	15*
	30 VDC	620	580	116	—	15*
	21 VFWR	550	920	—	172	15*
	24 VFWR	640	920	—	155	15*
	30 VFWR	700	640	—	138	15*

* —RATED 75 Cd PER UL 1638, FIRE PROTECTIVE VISUAL SIGNALING APPLIANCES.

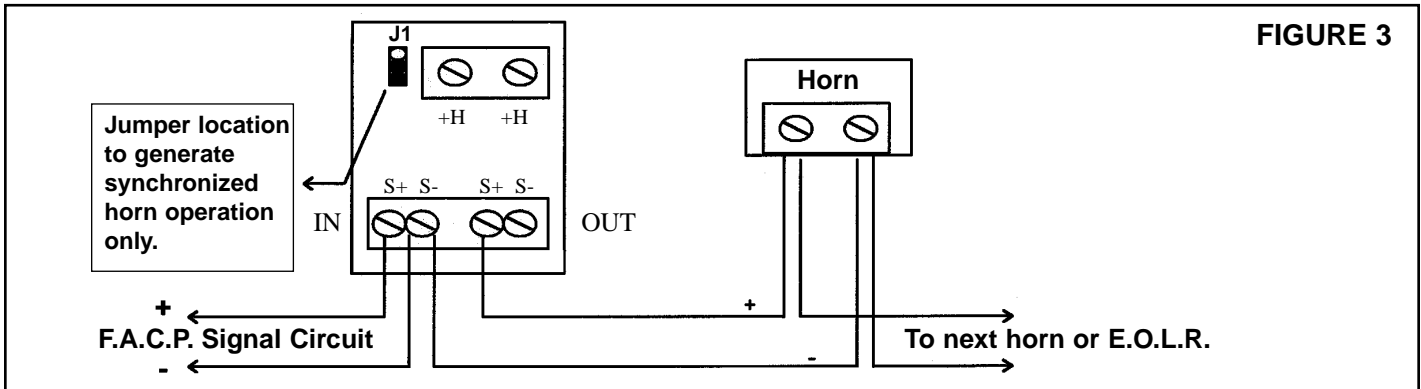
Wiring diagram for synchronized (Z-Series) strobes only.



Wiring diagram for synchronized (Z-Series) strobes and temporal horn.



Wiring diagram for synchronized temporal horn only.



Dimensions: 3.321"H x 2.896"W x 1.19"D

