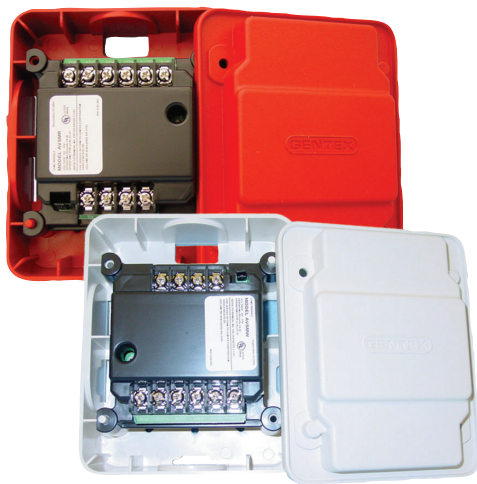


AVSM Synchronization Modules

www.boschsecurity.com



BOSCH
Invented for life



- ▶ Synchronize horn and strobe with only two wires
- ▶ Option to silence horns while strobes continue to flash
- ▶ Operates in one Class A circuit or in two Class B circuits
- ▶ Circuits rated for 3 A of continuous current; 5 A surge or inrush current
- ▶ Green LED indicates signal operation

The Gentex AVSM (12 V or 24 V) modules provide an easy way to synchronize multiple horns and strobe light flashes using only two wires. The modules can operate one Class A circuit or two Class B circuits at 3 A per circuit. With the module in temporal (Code 3) mode, it synchronizes multiple horn signals and allows the horns to be silenced while the strobes continue to flash. There is no limit to the number of modules that can be synchronized together

Certifications and approvals

Gentex Corporation holds these Listings and Approvals:

Region	Certification
USA	UL UUKC: Signaling Appliances and Equipment for the Hearing Impaired (ANSI/UL 1971)
	CSFM see our website

Installation/configuration notes

Compatibility Information

These modules are compatible with Gentex Notification Appliances as indicated:

NAC Series	AVSM Series
GC Series	*
GE3-12 Series	*
GE3-24 Series	*
GEC Series	*
GES Series	*
GEH12 Series	*
GEH24 Series	*
GX91 Series	1
GX93 Series	*
HS24 Series	2
SSPK Series	*
ST24 Series	2
WGE Series	*

* = The AVSM modules are used with these NACs.

NAC Series

AVSM Series

1 = The GX91 Series Mini-horns can only be synchronized through the control panel. They cannot be used in any loop using an AVSM module.

2 = The AVSM modules **will not** operate the ST/HS Series NACs. The AVS44 modules can be used with these devices.

Wiring Considerations

Connect AVS modules before all other signaling devices on the loop which are intended to be synchronized.



Notice

Do not use these modules in coded or pulsed signaling circuits.

The input terminals accept wires with diameters between 18 AWG and 12 AWG (ISO 0.75 mm² and 4 mm²). Do not loop the wire under the terminals. Break the wire run to provide supervision of the connection.

Parts included

Quantity	Component
1	Synchronization control module in back box
1	Cover plate
1	Hardware pack
1	Literature pack

Technical specifications

Electrical

Regulated Voltage (operating)	12 VDC or FWR or 24 VDC or FWR
Current (operating) at 12 V:	
• VDC	31 mA maximum
• FWR	34 mA maximum
Current (operating) at 24 V:	
• VDC	45 mA maximum
• FWR	47 mA maximum

Environmental

Relative Humidity	Up to 93%, non-condensing
Temperature (operating)	+32°F to +120°F (0°C to +49°C)

Mechanical

Dimensions (H x W x D):

• Back Box	5.6 in. x 4.6 in. x 2.4 in. (14.2 cm x 11.7 cm x 6.1 cm)
• Module	3.9 in. X 3.8 in. x 1.3 in. (9.9 cm x 9.7 cm x 3.3 cm)

Ordering information

AVSM-R Synchronization Module (red)

Order number **AVSM-R**

AVSM-W Synchronization Module (white)

Order number **AVSM-W**

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