


BOSCH

Invented for life

GES Series Low-frequency Strobes



- Use the SuperSlide feature for easy testing
- Wide voltage range; 16 to 33 VDC or FWR
- Many candela choices
- Wire then install the entire system
- Use the GSB Surface Back Box for easy mounting
- Rugged die-cast metal mounting plate

The Gentex Commander² Series Low-frequency Strobes (GES) offer a dependable visual alarm, low current draw, and a minimum flash rate of 1 Hz regardless of input voltage.

Functions

Easy Installation and Testing

The user can wire then install the entire system, reducing installation and operating costs. Use the SuperSlide feature to test supervision.

Certifications and Approvals

Gentex Corporation holds these Listings and Approvals:

Region	Certification	
USA	UL	UUKC: Signaling Appliances and Equipment for the Hearing Impaired (UL1971), UVAV7: Visual Signal Appliances for Fire Protective Signaling Systems Certified for Canada (cUL)
	FM	
	CSFM	7125-0569: 123

CBFP	City of Chicago Bureau of Fire Protection
NYC/MEA	285-91-E: Vol. XV
ADA	Complies with Americans with Disabilities Act ADA 4.28.3
NFPA	Complies with National Fire Protection Association NFPA 72

Installation/Configuration Notes

Compatible Products

The following products are compatible with the GES Series Strobes:

Category	Product ID	Product Description
Control Panels	D7022 ¹	Conventional FACP
	D7024 ²	Addressable FACP
	D7024	Conventional FACP
	D8024 ³	Analog FACP
	D9124 ³	Addressable FACP
	D10024A ³	Analog FACP
Modules	AVS-44	Synchronization module (red)
	AVS44-W	Synchronization module (white)
	AVSM-R	Synchronization module (red)
	AVSM-W	Synchronization module (white)

¹ The D7022 must be set for 24 VDC operation and requires the AVS44 or AVSM Synchronization Modules for synchronization.

² When used with a D7039 Multiplex Expansion Module, the D7024 becomes an addressable FACP.

³ For synchronization, use the AVS44 or AVSM Synchronization Modules with these control panels.

Mounting Considerations

Note Use the strobes for indoor installations only.

The strobes are equipped with a four-inch square mounting plate that can be attached as follows:

	Conduit Applications	Surface Mounted	Semi-flush Mounted
Single-gang	•		•
Double-gang	•	•	•
Four-inch square	•	•	•
GSB	•	•	

Also included is a locking mechanism that secures the product to the bracket without any screws showing.

Wiring

Note Do not use these units in coded or pulsed signaling circuits.

The input terminals accept wires with diameters between 18 AWG (1.2 mm) and 12 AWG (2.3 mm).

Parts Included

Quant.	Component
1	Horn with finish plate
1	Die-cast mounting plate
1	Plastic test card
1	Hardware pack
1	Literature pack

Technical Specifications

Environmental Considerations

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

Mechanical Properties

Dimensions (H x W x D):	5.0 in. x 4.5 in. x 2.5 in. (12.7 cm x 11.4 cm x 6.4 cm)
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Power Requirements

Voltage Range:	16 VDC or FWR to 33 VDC or FWR
Voltage (Input):	24 VDC or VFWR nominal

Strobe Current Ratings (maximum)

15 cd:	78 mA RMS, 113 mA FWR
15/75 cd:	96 mA RMS, 135 mA FWR
30 cd:	96 mA RMS, 135 mA FWR
60 cd:	137 mA VDC, 186 mA FWR
75 cd:	180 mA VDC, 245 mA FWR
110 cd:	244 mA VDC, 313 mA FWR

Trademarks

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SuperSlide is a trademark of the Gentex Corporation, USA.

Ordering Information

GES24-15WR 15 cd Strobe (red) Red, 24 VDC 15 cd strobe	GES24-15WR
GES24-15WW 15 cd Strobe (white) White, 24 VDC 15 cd strobe	GES24-15WW
GES24-15/75WR 15/75 cd Strobe (red) Red, 24 VDC 15/75 cd strobe	GES24-15/75WR
GES24-15/75WW 15/75 cd Strobe (white) White, 24 VDC 15/75 cd strobe	GES24-15/75WW
GES24-30WR 30 cd Strobe (red) Red, 24 VDC 30 cd strobe	GES24-30WR
GES24-30WW 30 cd Strobe (white) White, 24 VDC 30 cd strobe	GES24-30WW
GES24-60WR 60 cd Strobe (red) Red, 24 VDC 60 cd strobe	GES24-60WR
GES24-60WW 60 cd Strobe (white) White, 24 VDC 60 cd strobe	GES24-60WW
GES24-75WR 75 cd Strobe (red) Red, 24 VDC 75 cd strobe	GES24-75WR
GES24-75WW 75 cd Strobe (white) White, 24 VDC 75 cd strobe	GES24-75WW
GES24-110WR 110 cd Strobe (red) Red, 24 VDC 110 cd strobe	GES24-110WR
GES24-110WW 110 cd Strobe (white) White, 24 VDC 110 cd strobe	GES24-110WW

Ordering Information

Accessories

AVS-44 Synchronization Control Module (red) Synchronization Control Module primarily for use with the Gentex HS24 Series and ST24 Series notification appliances.	AVS-44
AVS44-W Synchronization Control Module (white) Synchronization Control Module primarily for use with the Gentex HS24 Series and ST24 Series notification appliances.	AVS44-W
AVSM-R Synchronization Control Module (red) Synchronization module for use with all Gentex synchronizable notification appliances except the HS24 Series and the ST24 Series.	AVSM-R
AVSM-W Synchronization Control Module (white) Synchronization module for use with all Gentex synchronizable notification appliances except the HS24 Series and the ST24 Series.	AVSM-W
GSB Surface Back Box (red) 5.6 in. x 4.6 in. x 1.5 in. (14.1 cm x 11.6 cm x 3.7 cm)	GSB

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