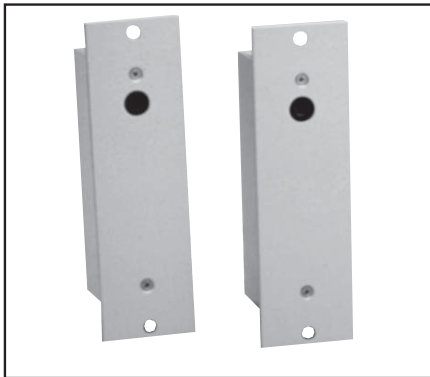




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AccuGuard DB11 Recess Mount Safety Beam



Product Name
AccuGuard DB11
Recess Mount Safety Beam

Contact Information
MS SEDCO
7898 Zionsville Road
Indianapolis, IN 46268
Phone: (317) 842-2545
www.mssedco.com

Product Description
BASIC USE
The DB11 is a self-contained recess mount active infrared safety beam system for use on any automatic door.

When the infrared beam is interrupted, the DB11's relay output signals an automatic sliding door control to open or reverse when closing. The DB11 can be recess mounted into tubular guide rails on pedestrian swing doors. When the door is closing and the overhead safety sensor is locked out, interrupting the DB11 beam will bring this sensor protecting the swing side of the door back into the safety circuit thus inhibiting the door from reopening. This is now a requirement of ANSI A156.10 2005.

In the event of a power loss to the DB11, the relay changes state (failsafe).

- Technical Data**
- 12V to 24V AC or DC Operation
 - Pulsed IR Emitter For High Immunity To Ambient Light
 - Form C Relay (N.O. or N.C.)
 - Recessed (Flush) Mounting
 - Variable Time Delay
 - Easy To Align
 - Molex Connectors Provided For Easy Wiring

SPECIFICATIONS

<u>Model</u>		DB11
<u>Physical Dimensions</u>		5"L x 1 1/2"W x 1 1/2"D
<u>Detection Method</u>		Active Infrared Beam Interrupt
<u>Detection Range</u>		0 to 40 feet
<u>Power Requirements</u>		12V to 24V AC or DC
<u>Current Draw</u>		
RX	75mA @ 12V DC	
TX	60mA @ 12V DC	
RX	100mA @ 24V DC	
TX	60mA @ 24V DC	
<u>Power Consumption</u>		
RX	2.4 Watts Max. @ 24V DC	
TX	1.5 Watts Max. @ 24V DC	
<u>Relay Contacts</u>		Form C Contacts Rated @ 1 Amp
<u>Relay Activation Time</u>		0.05 seconds
<u>Relay Hold Time</u>		0.5 to 5.0 sec.
<u>Temperature</u>		0°F to 140°F (-18°C to 60°C)

DIMENSIONS
See Reverse

APPLICABLE STANDARDS
American National Standards Institute (ANSI) - Building Hardware Manufacturers Association (BHMA) - ANSI/BHMA A156.10.

Installation
Refer to MS SEDCO Installation Instructions.

Availability & Cost
AVAILABILITY
Available internationally from manufacturer's authorized distributors; contact MS SEDCO for the location of the nearest distributor.

COST
Cost information on MS SEDCO products is available from the manufacturer's authorized distributors.

Warranty
MS SEDCO, Inc. guarantees this product to be free from manufacturing defects for one year from date of installation. Unless MS SEDCO is notified of the date of installation, the warranty will be in effect for one year from the date of shipment from our factory. If, during the first year, this product fails to operate and has not been tampered with or abused, the unit can be returned prepaid to the factory and be repaired free of charge. After one year, the unit will be repaired for a nominal service charge. **Limited warranty is in lieu of all other warranties, expressed or implied, including**

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Warranty (continued)

any implied warrantability of merchantability. No representative or person is authorized to assume for MS SEDCO any other liability in connection with the sale of our products. All warranties are limited to the duration of this written limited warranty. In no event shall MS SEDCO be liable for any special, incidental, consequential or other damage arising from any unclaimed breach of warranty as to its products or services.

Maintenance

MS SEDCO recommends that all maintenance and adjustments be performed by an AAADM Certified Technician.

Technical Services

MS SEDCO's staff of factory trained sales and service personnel offer design assistance and technical support. Local distributors are also available to assist in selecting appropriate devices for specific uses and to provide onsite installation.

DIMENSIONS

