



RECESS MOUNT SAFETY BEAM AccuGuard DB11

PRODUCT DESCRIPTION

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

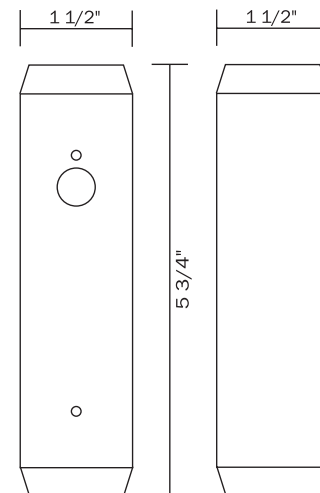
When the infrared beam is interrupted, the DB11's relay output signals an automatic sliding door control to open or reverse when closing. The DB11 can be recess mounted into tubular guide rails on pedestrian swing doors. When the door is closing and the overhead safety sensor is locked out, interrupting 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).

American National Standards Institute (ANSI) - Building Hardware Manufacturers Association (BHMA) - ANSI/BHMA A156.10 & A156.19.

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

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

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