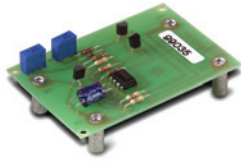
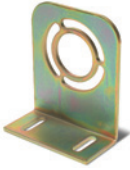
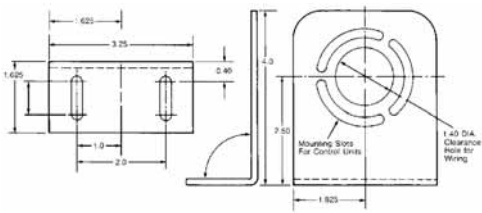



Model Selection — Logic Module (Optional, not required for sensor operation)

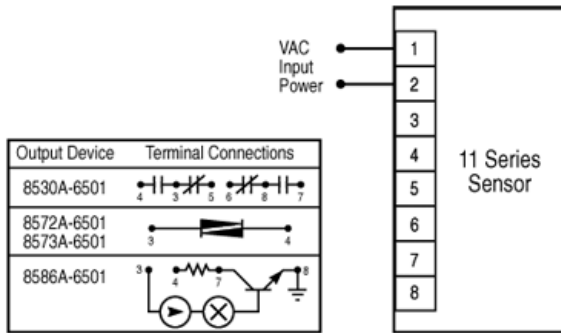
	Description	Operation	Timing Range	Catalog Number
	Time Delay Delays response of the sensor until the beam has been broken for a set period of time (ON-delay), or until the beam has been completed for a set period of time (OFF-delay)	Independent adjustments provided for ON-delay and OFF-delay timing. Time delays are disabled for 20 mS upon power-up	0.05 to 5 seconds in one range	8211B-6501

Model Selection — Accessories

Description	Catalog Number	Approximate Dimensions in Inches
Swivel Mounting Bracket, Aluminum 	6141A-6501	
For retroreflectors and retroreflective tape	See Section 8	

 Stocked product, typical order quantities guaranteed in stock.

Wiring Diagram



Specifications — Sensors

Description	Specification
Operating Temperature	-5° to 130°F (-15° to +55°C)
Humidity	95% RH non-condensing
Material of Construction	Housing: Noryl® ①; Lens: Clear polycarbonate ①
Sunlight Immunity	10,000 foot-candles
Response Time	7 mS maximum
Vibration	2.5g or 0.06 inch displacement, whichever is less, over 20 Hz to 2 kHz
Sensitivity Adjustment	10:1 Ratio
Enclosure Ratings	NEMA 4 and 13 ②

- ① Avoid exposing lens and enclosure to chlorinated halogenated or aromatic hydrocarbons.
- ② NOTE: Our products conform to NEMA tests as indicated, however, some severe washdown applications can exceed these NEMA test specifications. If you have questions about a specific application, contact Eaton's Cutler-Hammer Sensor Applications Department at 1-800-426-9184.

Specifications — Output Devices

	DPDT Relays 8530A-6501	Traics		Isolated NPN Transistor
		Isolated	PC Compatible	
Operating Temperature	-4° to 131°F (-20° to 55°C)	-4° to 149°F (-20° to 65°C)	-4° to 149°F (-20° to 65°C)	-4° to 149°F (-20° to 65°C)
Response Time Off-to-On (pull-in) On-to-Off (drop-out)	25 mS maximum	1 mS maximum		Instantaneous
	25 mS maximum	1/2 cycle of line voltage		Instantaneous
Pull-In Voltage	8 – 9.6V	3V minimum	3V	3V
Drop-Out Voltage	1.2 – 2V	0.8V maximum	8V	1V

Approximate Dimensions in Inches

