2151BAUS

Models Available

2151BAUS
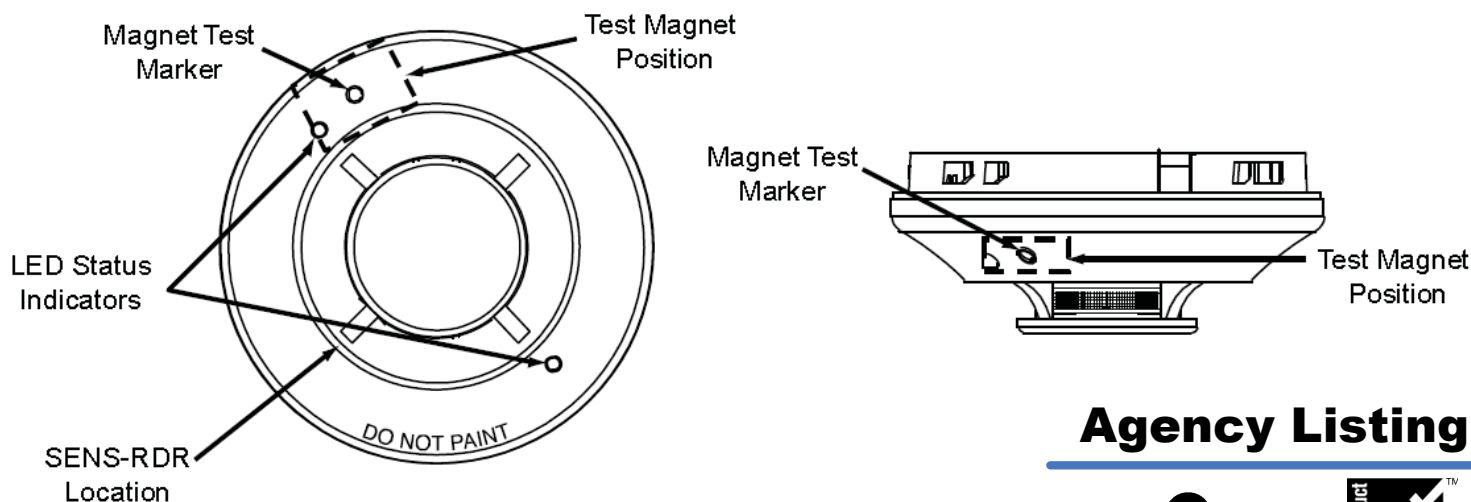Low Profile Photoelectronic Plug-in Smoke Detector

Description

Model 2151BAUS photoelectric smoke detector can be used with a variety of adapter bases in several wiring configurations and voltages. Other features include: low current draw, stable performance in high air velocities, built-in tamper resistant base design, dual LEDs, removable cover, easy-clean chamber and built-in magnetic test switch.

The 2151BAUS is designed to meet the performance criteria designated by AS1603.2-1997. The sensing chamber is sealed against back pressure air flow. The chamber top is covered by a one piece molded screen which minimizes the entry of dirt and insects. This screen can be removed for cleaning.   Additional key features include a variety of mounting bases and a full line of accessories.

All 2151BUAS photoelectric smoke detectors contain a unique optical sensing chamber designed to sense smoke particles produced by a wide range of combustion sources. A custom integrated circuit incorporates signal processing to reduce false alarms.
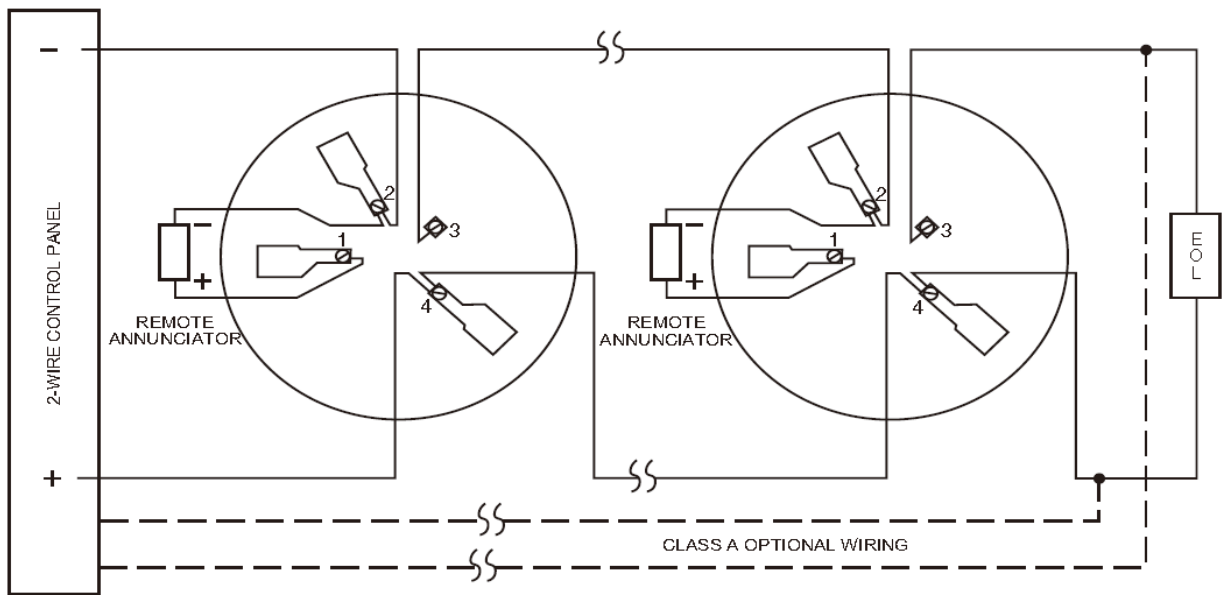
Appearance

Agency Listing

Certified Product
Australian Standard

Specifications

Standby Current:	85µA Standby
Sensitivity:	7% obs/m (nominal)
Height:	2.0 inches (51 mm) installed in B401 Base
Diameter:	4.1 inches (104 mm) installed in B401 Base
Shipping Weight:	147 grams
Construction:	Flame retardant thermoplastic
Operating Temperature Range:	0°C to 49°C (32°F to 120°F)
Velocity Range:	0 to 15.2 m/s (0 to 3000 fpm)
Humidity Range:	10% to 93% RH, non-condensing
Smoke Detector Installation and Spacing:	Refer to the installation requirements Of AS1670.1-2004

Typical 2-wire Detector Wiring Configuration

Ordering Information

Model	Ordering Model	Description	RCM	SAI-Global	UL	FM	UOM
2151BAUS	2151BAUS	Low Profile Photoelectronic Plug-in Smoke Detector	YES	YES			EA
B401	B401	Plug-In Detector Base, 4"			YES	YES	EA
	B401/W	Plug-In Detector Base with pure white color, 4"			YES	YES	EA
B401B	B401B	Plug-In Detector Base, 6.2"			YES	NA	EA
B401-WP	B401-WP	Water proof Plug-In Detector Base, 4"			NA	NA	EA

System Sensor®