



2151BPI Smoke Detector

Conventional Low Profile Plug-in Smoke Detector

• Melbourne

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System Sensor 2151BPI detectors are designed to meet the performance criteria designated by fire detection standards throughout the world. The sensing chamber is sealed against back pressure air flow, and the chamber is further protected by a fine mesh screen to limit the ingress of contaminants such as dust and insects. This screen can be readily cleaned and replaced. Additional key features include a variety of mounting bases, and a full line of accessories.

The 2151BPI 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. Stability in high air velocities is a prime benefit in many applications (up to 15.2m/s)

Features:

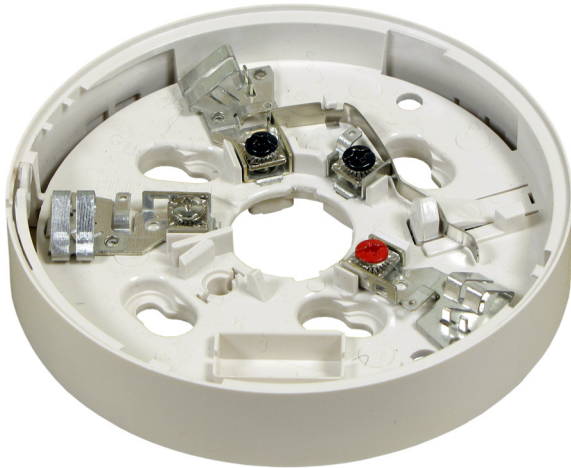
- Sleek, low profile design
- Dual red LED's for 360° visibility
- Field sensitivity metering of detectors
- Range of adaptor bases available with built-in continuity shorting spring
- Low standby current
- Built-in tamper resistant base
- Optional remote LED accessory
- Removable cover for easy cleaning
- Built in magnetic alarm test switch
- Compatible with 400 Series products



2151BPI Photoelectric

Specifications:

Operating Voltage:	10 – 30V Dc (with B401 base)
Alarm Current:	Panel dependant (max 100mA)
Standby Current	85µA
Size in B401 base:	51mm x 104mm
Weight:	147g
Temperature:	0 to 49°C
Humidity:	10 - 93% RH non-condensing



B401R



SENS-RDR

Adapter Base Selection Guide:

Base Model Number	Loop Type	Current Limit Resistor	Nominal Voltage	Current Draw On alarm (mA).
B401	2-wire	No	12/24 VDC	10-100*
B401R	2-wire	Yes (470R)	24 VDC	10-100*

* Alarm current must be limited by the control panel

Ordering Information:

Description	Part Number	Listing No.
Low-profile ionisation detector (Obsolete)	1151AUS	afp-1381
Low-profile photoelectric detector	2151BPI	afp-2129
Sensitivity reader for 2151BPI	SENS-RDR	N/A

PERTRONIC INDUSTRIES PTY LTD

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