

FDX-851AUS Series

Thermal (Heat) Detectors



Intelligent/Addressable Devices

General

Notifier FDX-851AUS Series CLIP intelligent plug-in thermal detectors with integral communication has features that surpass conventional detectors. Point ID capability allows each detector's address to be set with decade address switches, providing exact detector locations. FDX-851AUS Series thermal detectors use an innovative thermistor sensing circuit to produce fixed-temperature (FDX-851) and rate-of-rise thermal detection (FDX-851R).

These thermal detectors provide effective, intelligent property protection in a variety of applications. FDX-851AUS Series detectors are compatible with Notifier intelligent Fire Alarm Control Panels.



Features

- Sleek, low-profile, stylish design
- State-of-the-art thermistor technology for fast response
- Rate-of-rise model (FDX-851R), 8.3°C per minute
- Factory preset at 63°C fixed temperature rating
- Compatible with CLIP protocol systems.
- Direct dial entry of address 01-99 mode loops
- Visible LEDs "blink" every time the unit is addressed
- 360°-field viewing angle of the visual alarm indicators . LEDs blink in Normal condition and turn on steady in Alarm
- Integral communications and built-in device-type identification
- Remote test feature from the panel
- Built-in functional test switch activated by external magnet
- Low standby current
- Backward-compatible
- Built-in tamper-resistant feature
- Sealed against back pressure
- Plugs into separate base for ease of installation and maintenance. Separate base allows interchange of photoelectric and thermal sensors

Approvals:

CSIRO ActivFire listed to
AS 1603.2 - 1997 (afp - 2520)

Specifications:

Sensitivity Fixed:	63°C.
Sensitivity Rate-of-Rise:	63°C or an increase of greater than 8.3°C/min.
Operating Voltage Range:	15 VDC to 32 VDC
Standby Current:	300 µA @ 24 VDC (one communication every 5 seconds with LED blink enabled).
Maximum Alarm Current (LED On):	6.5 mA @ 24 VDC.
Operating Humidity Range:	10% to 93% Relative humidity (Non-condensing).
Installation Temperature Range:	-10° C to 50° C.
Height:	51 mm.
Diameter:	104 mm installed in B501 base.

Ordering Information

FG-03-006
FG-03-007

FDX851AUS CLIP fixed thermal detector
FDX851RAUS CLIP rate-of-rise thermal detector

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www.notifier.com.au