

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

© 2009 by Honeywell International Inc. All rights reserved.
Unauthorised use of this document is strictly prohibited.

This document is not intended for installation purposes.
We try to keep our product information up-to-date and accurate.
We cannot cover all specific applications or anticipate all requirements.
All specifications are subject to change without notice.

For more information contact your nearest Notifier Sales Office or Distributor
www.notifier.com.au