

SSF-D-851H-IV FlashScan Intelligent Thermal (Heat) Detector

FEATURES

- ✓ Sleek, low-profile design
- ✓ High temperature model set for 88°C
- ✓ FlashScan protocol
- ✓ Bi-colour LEDs
- ✓ Compatible with AFP-3030



PRODUCT DESCRIPTION

The SSF-D-851H-IV is a “High Heat” Flashscan analog addressable fixed point thermal detector for use with AFP-3030 series fire alarm panels. Temperature sensitivity is continuously monitored and reported to the panel.

The SSF-D-851H-IV provides fixed high-temperature detection at 88°C. These thermal detectors provide cost effective, intelligent property protection in a variety of applications.

FlashScan® is a communication protocol that greatly enhances the speed of communication between analog intelligent devices and certain systems. Intelligent devices communicate in a grouped fashion. If one of the devices within the group has new information, the panel's CPU stops the group poll and concentrates on single points. The net effect is response speed greater than five times of earlier designs.

Note: For correct operation, ensure Verifire Tools is selected to “High Heat” and “Threshold” is set to “6”.

TECHNICAL SPECIFICATIONS

Operating voltage range	15-32Vdc
Standby current	360uA @ 24Vdc (one communication every 5 seconds with LED blink enabled)
Maximum alarm current (LED on)	6.5mA @ 24Vdc
Operating humidity range	5% to 96% relative humidity, non-condensing
Operating temperature range	-10°C to 80°C
Height	51mm
Diameter	104mm installed in B501AUS-IV(W) base 104mm installed in B501BI-IV(W) isolator base
Weight	137g
Fixed temperature rating	88°C
Heat type	Class C

STANDARDS REFERENCE

Type (FireSense Part No.)	AS 1603.1.1997 Reference	AS 7240.5.2018 Reference
SSF-A-851R	Type A	Class A2R
SSF-B-851	Type B	Class A2
SSF-AS-851R-IV (sealed)	Type A	Class A2R
SSF-BS-851-IV (sealed)	Type B	Class A2
SSF-D-851H-IV	Type D	Class C
SSF-D-851H-W	Type D	Class C

TECHNICAL SPECIFICATIONS

- ✓ ActivFire certified - Listing No. afp-3010 (Notifier model FST-851HAUS) - AS1603.1:1997 (Type D)
- ✓ ActivFire certified - Listing No. afp-3361 - AS 7240.5:2018 (Class C)