DETECTOR SENSITIVITY

Detector Sensitivity Table		
Sensitivity Level	Degrees Celsius (ºC)	
	2800	3030
1	43	57.2 (not changeable)
2	57	
3	63 (default)	
4	70	
5	75	
6	88	

PRODUCT DESCRIPTION

The SSF-B-851 is a FlashScan analog addressable fixed point thermal detector for use with 2800 & 3030 Series fire alarm panels.

FlashScan supports 159 detectors per Loop. Detectors will also run on 2800's in CLIP mode or older Notifier panels together with CLIP devices with maximum address restricted to 99.

For 2800 panels, the detector sensitivity can be programmed in the control panel software. The activation threshold is continuously monitored and reported to the panel. Address setting on detectors is via two convenient dials on the base of the detector.

The SSF-B-851 detectors include a reed switch which can be activated with a test magnet for ease of testing.

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 95% relative humidity, non-condensing
Operating temperature range	-10ºC to 50ºC
Height	51mm
Diameter	104mm installed in B501AUS-IV(W) base 104mm installed in B501BI-IV(W) isolator base
Weight	137g
Fixed temperature rating	Refer to table above
Heat type	Class A2

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

ORDERING INFORMATION

SSF-B-851-IV	FlashScan addressable ivory rate of rise thermal detector (FST-851AUS-IV)
SSF-B-851-W	FlashScan addressable white rate of rise thermal detector (FST-851AUS-W)
SSF-BASE-IV	Ivory base to suit addressable detector range (B501AUS-IV)
SSF-BASE-W	White base to suit addressable detector range (B501AUS-W)
SSF-BASE-BK	Black base to suit addressable detector range (B501AUS)
SSF-ISOBASE-IV	Ivory Isolator base to suit addressable detector range (B524IEFT-1)
SSF-ISOBASE-W	White Isolator base to suit addressable detector range (B524IEFT-1W)
SS-BLK-COVER	Black detector cover to suit FlashScan or Clip detectors

APPROVALS

✓ SSL Approved
✓ ActivFire certified - Listing No. afp-1613 (Notifier Model FST-851AUS) - AS 1603.1:1997 (Type B)
✓ ActivFire certified - Listing No. afp-3359 - AS 7240.5:2018 (Class A2)