

Intrinsically Safe Thermal Detector



Features:

- Low profile design
- Low current draw
- Remote LED option
- Compatible with standard B401 mounting base
- Built-in test switch
- Tamper-resistant
- Suitable for use in up to Zone 0 environments
- Approved for use with Zener safety barriers or galvanic isolators

Description:

The SS-T-IS is an intrinsically safe rate of rise detector with fixed temperature alarm. It uses state-of-the-art dual thermistor technology to provide maximum sensitivity. This detector is for use in hazardous areas where potentially explosive atmospheres are likely to arise. SS-T-IS detectors are designed to be used with compatible panels only. SS-T-IS rate of rise detectors include a tamper feature that prevents removal from their mounting base (if enabled) without the use of a tool. In addition, these detectors can be easily tested by activating an internal reed switch with a test magnet.

Specifications:

Height:	5.2 cm
Diameter:	10.2 cm
Weight:	150 g
Sensitivity:	60°C
Operation Temperature Range:	IECEX, UL, FM: 0° – 37°C LPCB, BASEEFA: 0° – 50°C
Operating Humidity Range:	10% to 93% Relative Humidity
Latching Alarm:	Reset by momentary power interruption
IECEX Rating	EEx ia IIB T5 Ga

Approvals:

ATEX 94/9/EEC	EN 50014: 1997 + Amends 1 & 2 EN 50020: 2002 EN 50284: 1999 Ex II 1 G EEx ia II B T5
LPCB	118a/04
VDS	G296050
IECEX Certificate of Conformity Certificate Number	IECEX BAS 08.0126X

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