

THERMAL DETECTION & AUTONOMOUS TRIGGERING DEVICE



Fire-Tag®

Fire-Tag® produces the electrical current required for the extinguisher to operate when the ambient temperature rises to the target temperature.

Fire-Tag® is suitable for use with both aerosol and impulse powder reactor type extinguishers. It is a standalone device that does not require a power supply.

Fire-Tag® has higher performance than equivalent products.

The voltage it produces is not less than 25V. The current produced is sufficient to activate fire extinguishers.

How Does It Work?

When the temperature in the ambient is exceeded specified, the liquid inside the thermal bulb expands and breaks the bulb.

The magnets on the rod released by the stretched spring pass through the induction coil and ensure sufficient current is generated.

Depending on the environmental characteristics, one of the 57°C, 68°C, 79°C or 93°C thermal bulbs can be selected.

Where Can It Be Used?

- Flammable and explosive hazardous areas
- Electric panels
- Machinery and Electrical rooms
- Petrochemical Industries
- Warehouses
- Indoor spaces
- Tunnels
- Underground cable galleries



2Exib IIBT4
IP54

OBAC Lab. LL/319/2022/A



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Fire-Tag® 57°C



Fire-Tag® 68°C



Fire-Tag® 79°C



Fire-Tag® 93°C



Technical Specifications

- Fire-Tag® is marked **2ExibIIBT4** for explosion protection. It can be used in explosion-hazardous areas.
- The protection level against environmental conditions is IP54.
- Fire-Tag® produces an electrical pulse with an amplitude of not less than 25V at a 1.6Ω load. At 25V level the pulse duration is at least 2.1ms.
- Dimensions and weight of Fire-Tag®; Height 96mm., Diameter 65mm., Weight 217g.
- Fire-Tag® operates smoothly in the temperature range of -40°C to +65°C and 98% relative humidity, depending on the type of "Thermal Bulb" mounted on it.

**Visual inspection is
recommended
throughout use**



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**IT DOES NOT REQUIRE
ANY MAINTENANCE**

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