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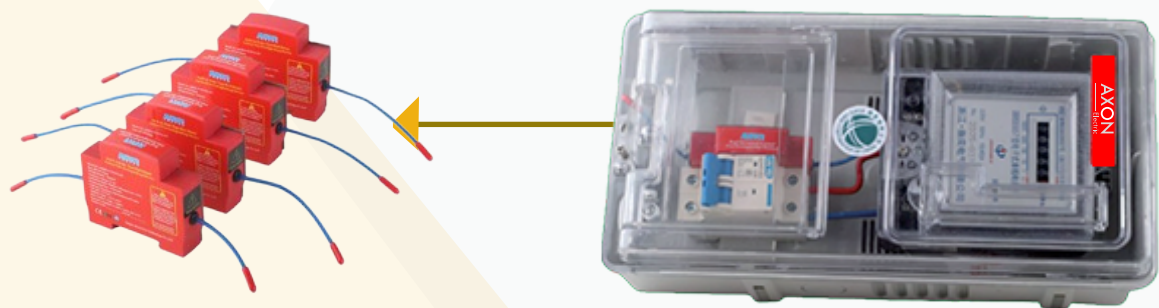
FIRE EXTINGUISHING CATALOGUE

Main Model & Specification

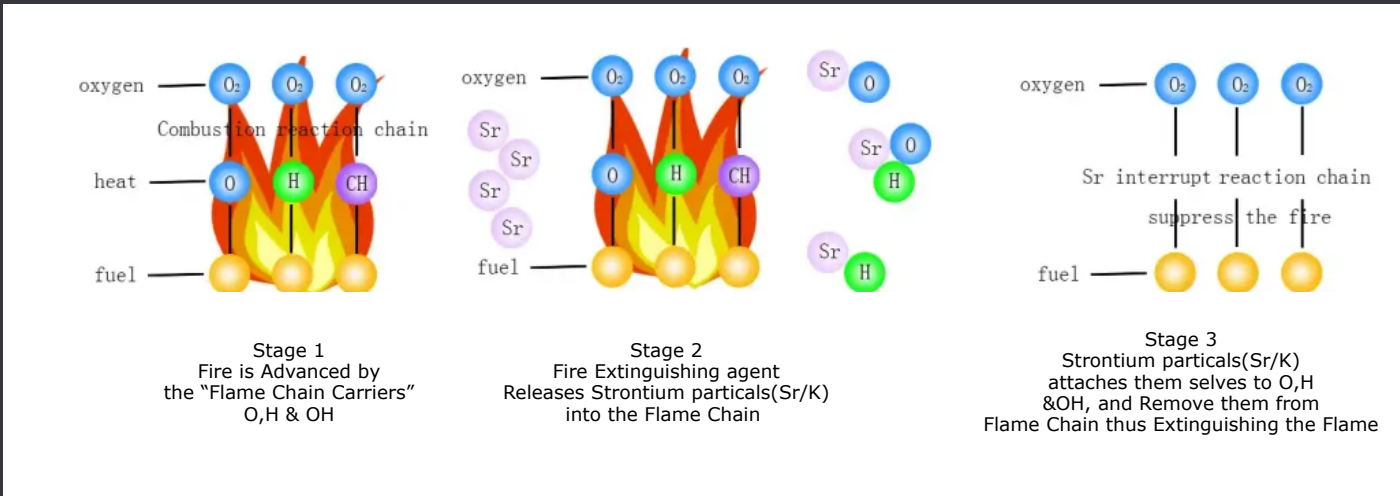
Model Number	Dimension	Aerosol Quality	Protected Volume
AFG - 10G	70*80*22mm	10 Grams	<0. 1m ³

Detailed Technical Data Sheet for AFG - 10G

Wegiht(KGS)	0.068 KGS
Releasing Time (S)	2-3 Seconds
Colour Of Product	Red (Classical) or Black
Extinguishing Agent	Solid Aerosol Compound
Activation Mode	Automation (Thermal Cord) Temperature Control
Activation Temp/Terms	Temp.reaches to 175 ± 5°C, or when meet with open flame
Product Surface Temp	<200°C
Installation Mode	Sliders/Slide Installation or 3M Double-sided tape
Ambient Temp	-50°C to +95°C
Relative Humidity	95 % non-condensing



Working Principle & Reaction Chain



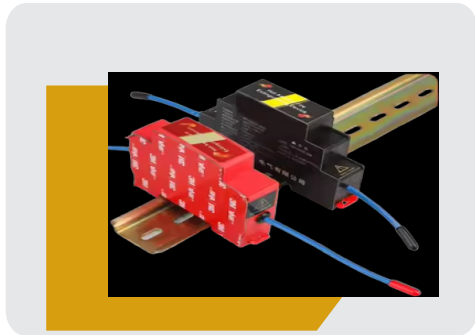
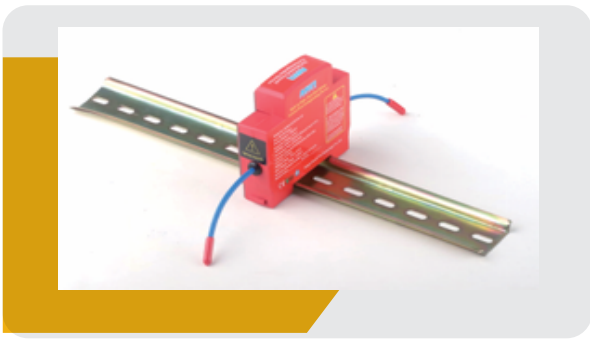
Fire Suppression Steps

- When a fire occurs, Thermal Automation Card detects the fire and initiates an activation signal to the fire extinguisher.
- Fire extinguishers receives the activation signal and start to extinguish the fire, rapidly emitting a white, smoky fire extinguisher agent from the nozzle.
- Fire extinguishing agent acts on the root of the flame through physical heat absorption, cooling reaction and chemical isolation of oxygen and other agents.
- Under the action of the extinguishing agent, the combustion conditions are interrupted and the fire is effectively extinguished, with an extinguishing time between 0 and 60 seconds.

Application

- Electrical Cabinet,
- Control Panel,
- Metering Box,
- Breaker Circuit,
- Residual - Current Device,
- PV Combiner Box,
- PV Inverter,
- DB Box

Installation Information



Installation Size & Structure

