

QRR0.01G/S

Aerosol Fire Extinguisher



overview

QRR0.01G/S Series Aerosol Fire Extinguisher is a compact, high-efficiency aerosol fire extinguisher designed for rapid fire suppression in enclosed spaces. It automatically activates via thermal detection and releases aerosol fire-extinguishing agents within 15 seconds, providing total fire protection for small volumes up to 0.1 m³. This device is ideal for applications in electrical cabinets, server rooms and other confined areas where traditional fire suppression systems may be impractical. Notably, it operates without any electrical power supply, relying solely on thermal activation for independent functionality.

Their exterior design and dimensions are aligned with the T Series circuit protection products, ensuring a unified appearance and seamless side-by-side installation for consistent panel aesthetics and layout.

Features

- **Rapid Response:** Triggers within 15 seconds of reaching the set temperature (170°C); discharge duration is 6 seconds.
- **Eco-Friendly:** Non-toxic, non-corrosive, and ozone-friendly with no atmospheric depletion.
- **Long Shelf Life:** 10-year validity period with minimal maintenance.
- **Easy Installation:** Supports both 35 mm DIN-rail mounting and 3M adhesive side-mount.
- **Compact Design:** At only 18 mm wide, it fits tight enclosures and crowded control panels without compromising accessibility.
- **Power-Independent:** No electricity required; fully thermal-activated.

Safety Tips

- **Warnings:** Do not tamper with the device or expose it to open flames during installation. Avoid inhalation of aerosol during discharge; evacuate immediately.
- **Precautions:** Not suitable for spaces with explosive gases or where personnel are present without proper ventilation.
- **Emergency Response:** In case of accidental activation, wear protective gear and ensure area is safe before re-entry.

- Disposal: Dispose of expired units as hazardous waste per local environmental regulations.
- Important This device is not a substitute for comprehensive fire safety systems.Aways integrate with alarms and evacuation plan.

■ Technical Data

Activation method	Thermal, no external power
Activation temperature	170°C
Activation response	Activated within15s after reaching temperature (initiates aerosol generation)
Aerosol generation duration	≤6s
Mounting	35mm DIN-rai lor3 Madhesive side-mount(customized)
Housing color	Red
Thermal probes	2 probes (top and bottom)
probe cable length	standard: 10cm per probe;customizable: 10-50cm per probe
Agent dosage	10g
protected volume	up to0.1m3 (typical,application-dependent)
operating temperature	-50c to +90c
Humidity tolerance	<95%RH (non-condensing)
service life	up to1o years (storage/installation conditions dependent)

