BLITZ

Fire Extinguishing Device

Thermally Activated • Fully Automatic • No Power Required • Class A B C & Electrical

Dual-nozzle design

Smoke spreads rapidly for fast fire extinguishing.



Spray without residue

Released gas is colorless, odorless, clean and harmless.



EN 15276	**10 Yrs**	**-50~+90°C**	**100 g/m³**
Certified	**Service Life**	**Temp Range**	**Ext. Density**
EU Standard	Maintenance free	Wide operating range	High efficiency

Model: 10g, 20g, 30g, 40g | UN 3559 | Hazard Class 9 | IMDG / IATA / ADR Compliant

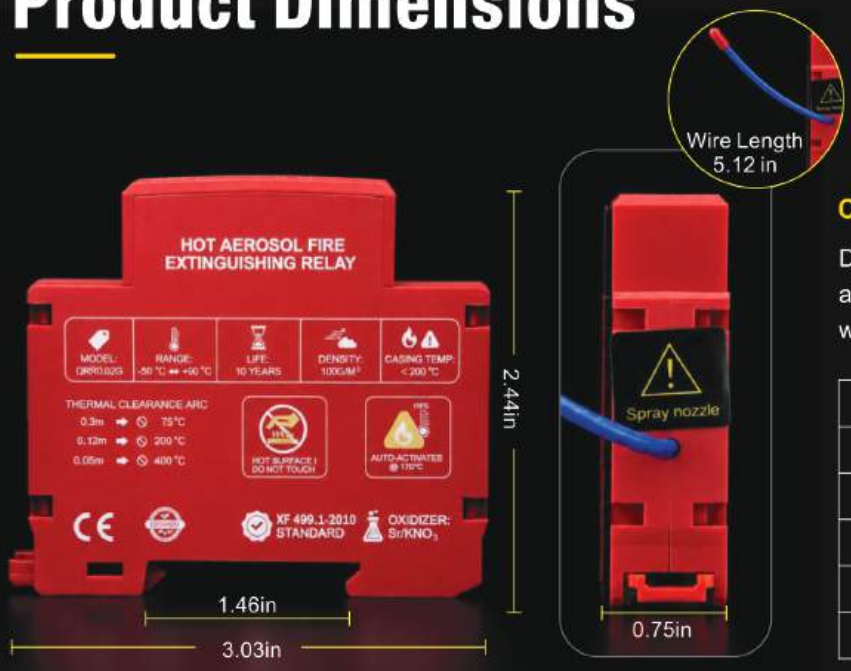
BLITZ.

TECHNICAL SPECIFICATIONS

General	
Model No.	10g, 20g, 30g, 40g
Product Name	Heat Aerosol Fire Extinguishing Device
Compliance Standard	EN 15276-1:2019, EN 15276-2:2019
Manufacturing Date	New
Service Life	10 Years (maintenance-free until activation)
Performance	
Operating Temp. Range	−50°C to +90°C
Activation Temp.	Open flame contact or sustained heat ≥170°C
Extinguishing Density	100 g/m³
Surface Temp. of Casing	≤ 200°C (post-activation)
Thermal Clearance	0.3m at ≤75°C | 0.12m at ≤200°C | 0.05m at ≤400°C
Fire Classes	Class A (solids), B (liquids), C (gases), Electrical
Composition	
Oxidiser & Content	$Sr(NO_2)_2$ 60% + KNO_3 20% + Binders 20%
Aerosol Particle Size	1–2 microns (ultra-fine, airborne)
Residue After Activation	Fine dry potassium salt powder — no liquid, no corrosion
Physical & Dimensions	
Dimensions (W × D × H)	77mm × 37mm × 62mm (3.03" × 1.46" × 2.44")
Width (side view)	19mm (0.75")
Wire Length	130mm (5.12")
Nozzle Design	Dual nozzle — bidirectional aerosol dispersal
Mounting	DIN Rail clip OR 3M VHB adhesive (both included)
Casing Colour	Red (RAL 3020)
Transport & Regulatory	
UN Number	UN 3559 — Fire Suppressant Dispersing Devices
Hazard Class	Class 9 — Miscellaneous Dangerous Goods
Packing Group	Not Applicable
IMDG (Sea)	EMS: F-B, S-X | Marine Pollutant: No
GHS Classification	Not classified (Physical / Health / Environmental) — GHS Rev. 11

PRODUCT DIMENSIONS

Product Dimensions



Compact DIN-rail form factor

Designed to fit inside standard electrical panels alongside MCBs, contactors, and terminal blocks without requiring additional space.

Width (front)	77 mm (3.03 in)
Depth	37 mm (1.46 in)
Height	62 mm (2.44 in)
Thickness (side)	19 mm (0.75 in)
Wire lead	130 mm (5.12 in)
Weight	~120 g

EASY INSTALLATION — TWO METHODS

Easy Installation

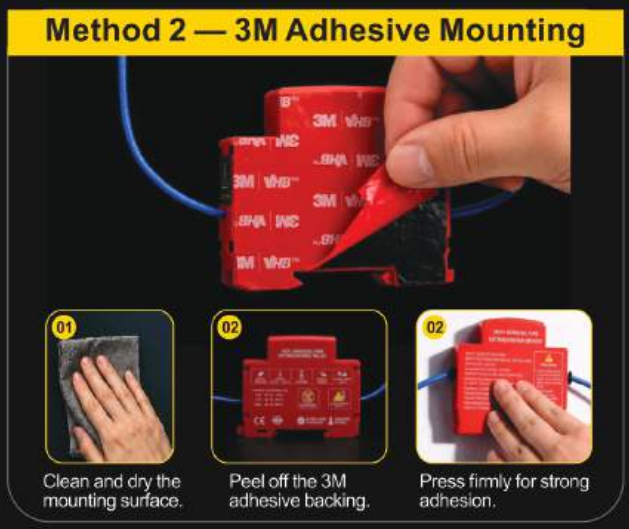
Two installation methods available, choose as needed.

Method 1 — DIN Rail Mounting



- Snaps directly onto standard 35mm DIN rail inside the panel
- No tools required — one-click clip mechanism
- Ideal for new panel installations and switchgear
- Sits alongside MCBs, contactors, terminal blocks

Method 2 — 3M Adhesive Mounting



- Clean and dry the mounting surface
- Peel off the 3M VHB adhesive backing
- Press firmly for 30 seconds — industrial strength bond
- Ideal for retrofitting in existing panels without DIN rail space

No wiring. No piping. No control panel.
Both mounting methods require zero electrical connections. The device activates purely on heat — fully passive.

TARGET APPLICATIONS

The device is optimised for any enclosed or semi-enclosed space where conventional fire suppression is impractical, expensive, or dangerous to sensitive equipment.

Electrical Panels
MCC, PLC, SCADA, switchgear, DB boards

IT & Data Rooms
Servers, UPS, network racks, data centres

Industrial Automation
RTU enclosures, instrumentation cabinets

Hydro & Energy
Dam control rooms, turbine panels, EFWS

Vehicles & Gensets
Engine bays, diesel gensets, mobile equipment

Remote Sites
Telecom towers, weather stations, IoT RTUs

Warehouses
Cable galleries, battery rooms, storage areas

Aviation & Helipads
AWOS enclosures, ground support equipment

KEY ADVANTAGES

01 Fully Automatic
No manual intervention, no detection panel, no wiring. Activates on direct flame contact.

02 No Power Needed
Purely thermal activation — works during blackouts. Critical for remote RTU/SCADA sites.

03 Electrically Safe
Non-conductive aerosol. Safe for live switchgear and energised equipment.

04 Zero Residual Damage
No manual intervention, no detection panel, no wiring. Activates on direct flame contact.

05 No Pressure Vessel
No explosion risk from device. No hydraulic test certification required.

06 10-Year Service Life
Maintenance-free until activation. No annual refill, no inspection cost.

07 DIN Rail Ready
Clips directly into panels. No structural modification needed.

08 Multi-Class Cover
Single device suppresses Class A, B, C and electrical fires.



Report for Air Transport of Goods



Certification for Safe Transport of Goods



CE Certification



Material Safety Data Sheet (MSDS)

Certificate – Сертификат – 證明書 – Certificat – 증명서 – شهادة

CERTIFICATE

No. 0P260204.ZZE0W30

Test Report / Technical Construction File no. XDX422604340129O1FAR

Certificate's Holder: Electric Group Co.,Ltd.

Certification ECM Mark

Type Approved

Product: Heat Aerosol Fire Extinguishing Device

Logo: PNC ELECTRIC

Model(s): ZQRR0.01G-2, ZQRR0.01G-2, ZQRR0.02G-2, ZQRR0.03G-2, ZQRR0.04G-2

Verification to: Standard:
EN 15004-1:2024, EN 15276-1:2019, EN 15276-2:2019
related to CE Directive(s):
2006/42/EC (Machinery)

Remark:
The manufacturer has voluntarily decided to submit its documents concerning the above-mentioned product for verification. Ente Certificazione Macchine confirms that the documentation made available and immediately returned to it, as containing sensitive data, meets the essential requirements of the above-mentioned directive/standard. The verification activity carried out exclusively concerned the technical documentation and no verification was carried out on the product. This document cannot replace the EC Declaration of Conformity. This document was issued in accordance with regulation RGVOL01 published on the website of www.entecerma.it and concerning voluntary certifications with a non-notified procedure.

Issuance date: 04 February 2026

Expiry date: 03 February 2031

Approver
Ente Certificazione Macchine
Legal Representative
Luca Bedonni

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