



中国认可
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检测
TESTING
CNAS L25596



Guoxinbiao Testing and Certification (Huizhou) Co., Ltd.

report number: UCT0984K64E

Inspection Report

(This report may not be partially copied without permission.)

client	:	Zhejiang GEYA Electrical Co., Ltd
Address of the Entrusting Party:	:	Wenzhou Bridge Industrial ZoneBeibaixiangTownYueqing City,Zhejiang Province
product name	:	Hot Aerosol Fire Extinguishing Relay
Main test model	:	GQRR-0.01G
testing organization	:	Guoxinbiao Testing and Certification (Huizhou) Co., Ltd.
	:	Building C, 4th floor, Xiangshuihe Industrial Zone, Longshan Road, West District, Daya Bay, Huizhou City, Guangdong Province
report date	:	June 24th, 2026
kind of inspection	:	entrustment inspection

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inspection report

sample name	Hot Aerosol Fire Extinguishing Relay			
Additional model number	GQRR-0.01G, GQRR-0.02G、GQRR-0.03G、GQRR-0.04G			
Trademark	/			
sample size	1PCS			
production unit	Zhejiang GEYA Electrical Co., Ltd			
Manufacturer's Address	Wenzhou Bridge Industrial ZoneBeibaixiangTownYueqing City,Zhejiang Province			
test item	See details on the following page.			
detection period	June 15, 2026 ~ June 24, 2026			
detection principle	Customer technical inspection request			
Environmental testing	Temperature: 20°C to 25°C Humidity: 45%RH to 70%RH Atmospheric pressure: 86kPa to 101kPa			
testing result	See the report for details.			
remark	Test item determination: — Test meets requirements: P — Test item not applicable to this sample: N/A — Test does not meet requirements: F — Indicates no determination: “—”			
Chief Prosecutor		date:	June 24th, 2026	(Inspection and Testing Special Seal)
audit		date:	June 24th, 2026	
ratify		date:	June 24th, 2026	



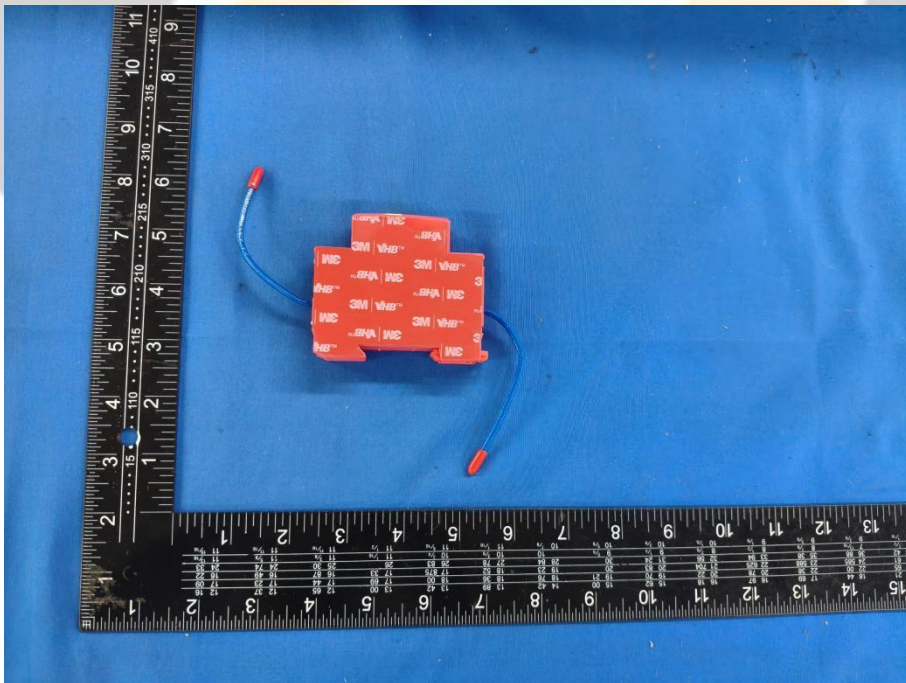
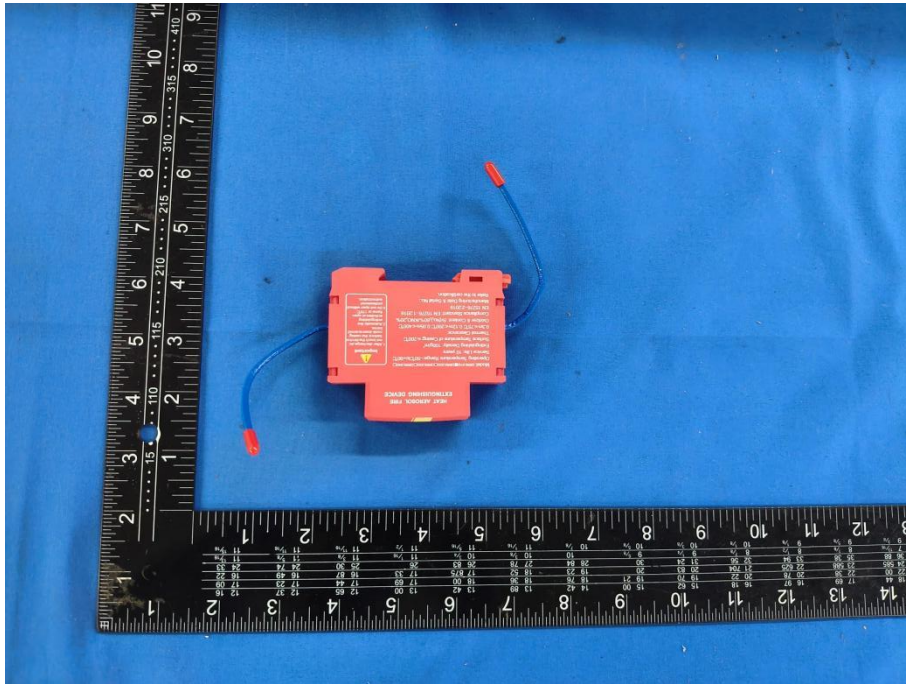
Additional Declaration

1. The following circumstances will render this report invalid:
 - a. The report is invalid without the "Special Inspection and Testing Seal" of our company.
 - b. Reproduction of the test report without company approval is prohibited. Reproduction requires re-加盖ing the "Special Inspection and Testing Seal", otherwise it is invalid.
 - c. The report is invalid without the signatures of the reviewer and approver.
 - d. The report is invalid if there are handwritten or altered data.
2. If there are any objections to the report, they should be raised to our company within 15 days after receiving the report. Otherwise, the request will not be accepted.
3. For commissioned inspections, the representativeness of the samples is the responsibility of the commissioning unit.
 - a. This report is only responsible for the inspection and testing results of the submitted samples.
 - b. If the commissioning party does not retrieve the samples within one month from the date of receiving the test report, it will be regarded as allowing the inspection unit to handle them on its own.





sample picture





Summary of test results

No	Test Item		Testing requirements	Test results	Judgment	
1	Working Environment	Temperature Range	-50℃ ~ 90℃	Complies	Pass	
		Relative Humidity	≤ 95%	Complies		
2	Appearance	Surface Coating	Uniform and smooth, no cracks, bubbles, obvious flow marks or scratches	Complies	Pass	
		Housing Surface	Flat and smooth, no obvious unevenness	Complies		
		Nameplate	Permanent nameplate at visible position	Complies		
		Fasteners	Firm, no looseness; sheet metal parts free of burrs and mechanical damage	Complies		
3	Spray Performance	Spray Time	≤ 40 s	Complies	Pass	
		Nozzle Temperature	≤ 200℃	Complies		
		Spray Process & Condition	Normal spray; no open flame, sparks or residue spillage; no deformation, burn-through or surface ignition	Complies		
		Surface Temperature	≤ 200℃	Complies		
4	Environmental Adaptability	High Temperature Performance	Test Process	No malfunction shall occur during the test	Complies	Pass
			Spray Time	≤ 40 s	Complies	
			Nozzle Temperature	≤ 200 ℃	Complies	
			Spraying Process & State	The fire extinguishing device shall spray normally after receiving the start signal. No open flame or sparks shall appear at the nozzle during spraying.	Complies	
			Surface Temperature	≤ 200 ℃	Complies	



No	Test Item		Testing requirements	Test results	Judgment
	Low Temperature Performance	Spraying Time	≤ 40 s	Complies	Pass
		Nozzle Temperature	≤ 200 °C	Complies	
		Spraying Process & State	The fire extinguishing device shall spray normally after receiving the start signal. No open flame or sparks shall appear at the nozzle during spraying.	Complies	
		Surface Temperature	≤ 200 °C	Complies	
	Humid Heat Performance	Spraying Time	≤ 40 s	Complies	Pass
		Nozzle Temperature	≤ 200 °C	Complies	
		Spraying Process & State	The fire extinguishing device shall spray normally after receiving the start signal. No open flame or sparks shall appear at the nozzle during spraying. No residue overflow during or after spraying. After spraying, the shell shall not deform, burn through, or ignite due to surface burning.	Complies	
Nozzle Temperature	≤ 200 °C	Complies			
5	Seismic Performance		No malfunction during vibration; no looseness, deformation or damage; normal activation and discharge	Complies	Pass
6	Class B Fire Extinguishing Performance		Extinguish fire within 30 s after discharge	Complies	Pass



No	Test Item		Testing requirements	Test results	Judgment	
7	Thermal Initiator	Water Resistance Performance	Burning Speed ≥ 3 s/m	1#: 4.8 s/m 2#: 4.6 s/m	Pass	
		High Temperature Resistance Performance	High Temperature Resistance Test Process	No flame break or flame penetration during flame transmission by the thermal initiator	Complies	Pass
		High Temperature Resistance Performance	High Temperature Resistance Test Process	No adhesion or shell rupture shall occur.	Complies	Pass
		High Temperature Resistance Performance	Combustion Performance	No flame break or flame penetration during flame transmission by the thermal initiator	Complies	Pass
8	Feedback Element	Able to output extinguishing agent spray signal		Complies	Pass	

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