

NFC-500H-F-UL

CONVENTIONAL FIXED TEMPERATURE HEAT DETECTOR

PRODUCT OVERVIEW

MODEL: NFC-500H-F-UL

NFC-500H-F-UL is fixed temperature Heat detector is and It is designed to work with all conventional panels. Conventional heat detector is used to measure the temperature level, wherever temperature monitoring required. NEVERFIRE heat detector is designed for automatic fire detection systems. When the temperature level crosses the set level, it communicates to fire alarm control panel which indicates the fire detected zone location. NEVERFIRE fixed temperature Heat detector represent a significant advancement in conventional fire alarm systems detection, incorporating three key features which are instant inspection, intelligence and installation ease.

Instant inspection. NFC-500H-F-UL provides wide-angle red LED indicators for instant inspection of detector condition.

Intelligence. NFC-500H-F-UL carry a number of intelligent features to simplify testing and maintenance Drift compensation smoothing algorithms to avoid false alarm.

Installation ease. NEVERFIRE smoke detector characterizes by installation ease with its plug-in design which allows an installer to pre-wire the bases included with the head.

Theses detectors can be used in all areas where heat detector is required. It is suitable for fires ranging from heat to flaming fires & designed to provide open areas protection and to be



NEVERFIRE APPROVALS		PRODUCT COMPLIANCE
ISO 9001:2015 CERTIFIED	CE QACE202401069	EN54-5

DESCRIPTION

NEVERFIRE heat detectors are low profile and have dual LEDS with 360 degree visibility, they are flashing in standby state but in fire state, they light up continuously in red. All data is written on the detector with lasers so that it cannot be erased or changed at all., these detectors will raise an alarm when the detector reaches 57°C. NEVERFIRE heat detectors uses a signal thermistor to sense the air temperature at the detector position. The thermistor is connected in a resistor network, which produces a voltage output dependent on temperature. NFC-500H-F-UL fixed Temperature Heat detector have been designed to EN54-5 and certified CE QACE20241069 ⁽¹⁾ which play a vital role in ensuring that NEVERFIRE products placed on the market of the world are safe. NEVERFIRE products certified ISO9001:2015⁽¹⁾ Quality management systems and requirements which is global standard for trusted goods and services.



(1) you can view & download these certificates from ASSS website www.asss-eg.com

NFC-500H-F-UL

CONVENTIONAL FIXED TEMPERATURE HEAT DETECTOR

FEATURES

- √ Superior performance and reliability.
- √ Meet EN54-5 Requirements.
- √ Low power consumption.
- √ Two-wire, plug-in conventional detection technology.
- √ Wide angle LED's visibility (dual red color indication).
- √ 4" mounting base detector.
- √ Compatible with all NEVERFIRE conventional bases.
- √ Polarity free wiring.
- √ Attractive new design.
- √ Remote alarm indicating LED output.
- √ Designed for Fast and easy installation.
- √ Compatible with most of fire alarm panels.
- √ Advanced detection technique.

TECHNICAL SPECIFICATIONS

Model	NFC-500H-F-UL
Operating Voltage	9~33V DC from fire alarm control panel IDC
Standby current	40 μ A
Surge current	4 μ A
Alarm current	15 mA
Startup time	10seconds
Thermal Rating	57°C (134.6°F)
Remote Output	15mA max. open collector
installation space	5m between each detector

OPERATING CONDITION

Storage Temperature Range	-10°C to 50°C (14°F to 122°F)
Operating Temperature Range	-10C to 37°C (14°F to 98.6°F)
Operating Humidity Range	0%-95% Relative Humidity, non-condensing

MECHANICAL SPECIFICATIONS

Ingress Protection Rating	IP42
Material	ABS (Fire Proof Plastic) Terminals: Iron Nickel plated - stainless Steel
Color	White
Diameter	100mm Dia.
Height	55mm with base
weight	145g with base
Packaging	90Unit\Carton
Carton Dimensions	55*33*38cm

WARRANTY

NEVERFIRE warrants that product from defects in design, materials and workshop during the warranty period ensuring customers' confidence in product quality and performance.

For comprehensive information, including installation guidelines and compatibility details, please consult NEVERFIRE Installation Manual or reach out to our technical support team. Anybody, including the agents, distributors or employees, is not in the position to amend the contents of this warranty.

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