# NFX Series - T

## DESCRIPTION

New Series **NFX** is the latest generation of the addressable fire detectors develop by **Notifier**
NFX Series offers cost savings for installers, enhanced configurability, management and outstanding detection performance and false alarm immunity for end users. All of the new benefits are delivered while maintaining full electrical and mechanical backwards compatibility with previous versions to support existing systems. NFX Series has a new protocol that delivers more devices on the loop and gives greater control, configurability and device management whilst enabling the overall system to be optimised to the location and use of the bulding with far grater flexibility than even before.
The compatibility with previous protocol, that can manage up to 99+99 addresses, is ensured (AM2000N, AM4000 e AM6000N). The detector used with this control panel provide the same functionality as 700 Series. Additional features allowed by the new protocol will be available on a new range of control panel of upcoming production.

## MAIN FEATURES

- 58°C & 78°C fixed temperature and rate of rise heat detectors.
- Available with or without Isolator module
- Tri colour LED offering red, green and amber colours
- Rotary decade address switches
- Pure white colour to compliment modern buildings
- Inctudes Series 700 Advanced Protocol
- 100% mechanical and electrical backwards compatibility
- New Base design to compliment the detector.

The **NFX-TFIX58** and **NFX-TFIX78** are fixed temperature analogue addressable sensors employing low mass thermistors and microprocessor technology far fast response and linear temperature sensing. The **NFX-TDIFF** uses the same thermistor and microprocessor technology to provide an alarm when the rate of rise in temperature exceeds 10.C/minute or if the temperature exceeds a threshold of 58°C. Detectors has two integrai tri-colour LEDs that provide 360° local visual indication ofthe device status. NFX-T conforms to EN54-5.
The new digital protocol provides reduced power consumption across the loop and enables up to **159 devices** and modules per loop.



All detectors are environmentally friendly and meet the WEEE and RoHS legislative requirements, minimising end of lite disposal costs.



CE 0786-CPD-20659 — **NFX-TFIX58**

CE 0786-CPD-20660 — **NFX-TFIX78**

CE 0786-CPD-20661 — **NFX-TDIFF**

CE 0786-CPD-20653 — **NFXI-TFIX58**

CE 0786-CPD-20654 — **NFXI-TFIX78**

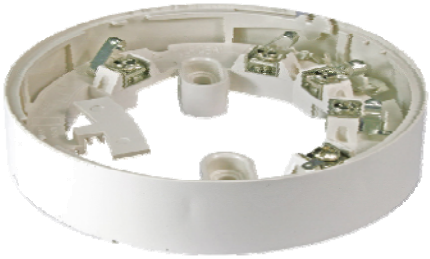
CE 0786-CPD-20655 — **NFXI-TDIFF**

## TECHNICAL FEATURES

- Voltage range: 15 to32Vdc
- Stanby current:
  200µA @ 24Vdc (no communication)
  300µA @ 24Vdc (LED blink 5Hz)
  3.5mA @ 24Vdc LED red
  7.0mA @ 24Vdc LED green
  10.5mA @ 24Vdc LED amber
- Temperature range: -30°C to +70°C
- Humidity: 10 to 93% (without condensate)
- Height: 61mm installed in B501AP
- IP Rating: IP30 (IP33 with WB-1AP)
- Diameter: 102mm
- Weight: 88g
- Wiring: 2,5mmq
- Colour: white
- Material: PC/ABS

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## MOUNTING BASES



**B501AP**

- **B501AP**: base standard white backward compatible withe (RII200)
- **B524RTE-W**: base with relay (RII62RLAP)

## ACCESSORIES



- **WB-1AP**: anti-water cover cap for base and detector white (RII76AP)
- **SMK400EAP**: surface mounting kit to interface pipeline bases white (RII71AP)
- **RMK400AP**: flush mounting kit white (RII72AP)

## TEST ACCESSORIES



**SOLO-461**

- **SOLO-100**: 4,5mt telescopic tube (ACI100)
- **SOLO-101**: 1mt extension for SOLO-100 (ACI101)
- **SOLO-461**: Thermal detector test tool with battery (ACI104)
- **SOLO-424**: 220V test tool for thermal detectors (ACI105)
- **SOLO-200**: Universal extraction tool (ACI106)
- **SOLO-610**: Tool bag for accessories (ACI107)
- **SOLO-713**: Accessory for magnet (ACI713)

- **1001-001**: Kit for detector test smoke + temperature (includes 1 test unit, 1 TS3-001 smoke capsule, 2 batteries and 1 battery charger) (ACI110)
- **2001-001**: Kit for detector test smoke + temperature + CO (includes 1 test unit, 1 TS3-001 smoke capsule, 1 TC3-001 CO capsule, 2 batteries and 1 battery charger) (ACI111)



**2001-001**

## MODELS

| MODEL | DESCRIPTION | STOCK CODE |
|---|---|---|
| **NFX-TFIX58** | 58°C fixed temperature detector | **RIL403** |
| **NFX-TFIX78** | 78°C fixed temperature detector | **RIL404** |
| **NFX-TDIFF** | Rate of rise detector | **RIL402** |
| **NFXI-TFIX58** | 58°C fixed temperature detector with isolator | **RIL413** |
| **NFXI-TFIX78** | 78°C fixed temperature detector with isolator | **RIL414** |
| **NFXI-TDIFF** | Rate of rise detector with isolator | **RIL412** |

## COMPATIBILITY WITH EXISTING PRODUCTS

BASES:**B501**: base standard h 18,5mm
**B501DG**: as base B501 alta 26mm
**B524IE**: base with isolator module
**B524RE**: base with relay output.

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