NFX-OPT

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

- New mechnical platform with revolutionary chamber offering improved false alarm immunity:
  - Improved detection across multiple fire types
  - Improved resilience to false alarms through dust
  - Removed risk of false alarms through insects
- 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.



CE 0786-CPD-20658 **NFX-OPT**

CE 0786-CPD-20652 **NFXI-OPT**

TECHNICAL FEATURES

- Voltage range: 15 to32Vdc
- Stanby current:
  200µA @ 24Vdc **NFX-OPT** (no communication)
  250µA @ 24Vdc **NFXI- OPT** (no communication)
  220µA @ 24Vdc **NFX- OPT** (max. avg. standby)
  270µA @ 24Vdc **NFXI- OPT** (max. avg. standby)
  3.5mA @ 24Vdc LED red
  7.0mA @ 24Vdc LED green
  10.5mA @ 24Vdc LED amber
- Isolation current (NFXI-OPT): 15mA @ 24Vdc
- Additional loop resistence (NFXI-OPT): 20mΩ
- Remote output: 22.5Vdc – 10.8mA
- Temperature range: -30°C to +70°C
- Humidity: 10 to 93% (without condensate)
- Height: 52mm installed in B501
- IP Rating: IP30 (IP33 with WB-1AP)
- Diameter: 102mm
- Weight: 97g
- Wiring: 2,5mmq
- Colour: white
- Material: PC/ABS

The **NFX-OPT** photoelectric smoke detector has a completely new detection chamber design, the result of many years of research and design. This delivers improved responsiveness, reduced sensitivity changes caused by settling dust and reduced false alarms resulting from insect ingress and other debris. The plug-in unit uses sophisticatedprocessing circuitry that incorporates smoothing filters to help eliminate transient environmental noise conditions that can be the cause of unwanted alarms. The devices are managed by embedded software running complex algorithms that further improve resilience to false alarms and improve detection speed.

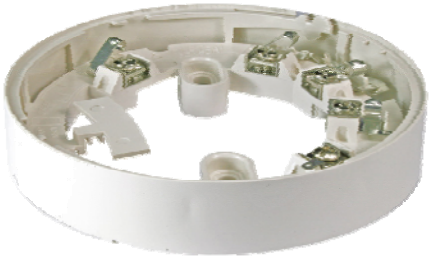
The NFX-OPT has two integral tri-colour LEDs that provide 360° local visual indication of the device status. The LEDs are programmable with static or blinking red, amber and green status indications available. NFX-OPT conforms to EN54-7. The new digital protocol provides reduced power consumption across 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.

NOTIFIER® by Honeywell

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-100**: 4,5mt telescopic tube (ACI100)
- **SOLO-101**: 1mt extension for SOLO-100 (ACI101)
- **SOLO-330**: Ionization/optical detectors test tool (ACI102)
- **SOLO-AER**: Aerosol bomb for detectors test (350 detectors around) (ACI103)
- **SOLO-200**: Universal extraction tool (ACI106)
- **SOLO-610**: Tool bag for accessories (ACI107)
- **SOLO-713**: Accessory for magnet (ACI713)



SOLO-200

- **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)
- **TS3**: Pack of 3 smoke capsule for unit test for **1001-001** and **2001-001** (ACI112)



2001-001

MODELS

MODEL	DESCRIPTION	STOCK CODE
NFX- OPT	Photoelectric smoke detector	**RIL400**
NFXI- OPT	Photoelectric smoke detector with isolator	**RIL410**

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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SISTEMA GESTIONE QUALITÀ CERTIFICATO UNI EN ISO 9001:2000

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