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Notifier FCM-1

Notifier FCM-1 Intelligent Addressable Control Module

User Manual

1. Introduction

The Notifier FCM-1 is an intelligent addressable control module designed for use with Notifier's Fire Alarm Control Panels (FACPs). This module provides a supervised Class A or Class B Notification Appliance Circuit (NAC) for controlling external devices such as horns, strobes, or speakers. It communicates with the FACP using the FlashScan protocol, offering fast and reliable communication.

2. Safety Information

Important Safety Instructions:

- Installation and servicing must be performed by qualified personnel only.
- Always disconnect power before installing, servicing, or removing the module.
- **CAUTION: DE-ENERGIZE UNIT PRIOR TO SERVICING.** Failure to do so may result in electrical shock or damage to the equipment.
- Adhere to all local and national electrical codes and regulations.
- Ensure proper grounding to prevent electrical hazards.

3. Product Overview

The FCM-1 module allows the FACP to switch external power to notification appliances. It includes a built-in isolator to protect the communication loop in case of a short circuit. The module is designed for easy installation and addressing.

Figure 1: Notifier FCM-1 Intelligent Addressable Control Module, shown in its clear plastic packaging. The module is a light-colored square unit with two small circular openings and the "NOTIFIER by Honeywell" logo. A label on the packaging indicates "FCM-1" and "428101".

Key Features:

- Intelligent addressable control module.
- Configurable for Class A or Class B Notification Appliance Circuits (NAC).
- FlashScan protocol compatible.
- Built-in short circuit isolator.
- LED indicator for status.

4. Setup and Installation

Proper installation is critical for the reliable operation of the FCM-1 module. Refer to the specific FACP installation manual for detailed wiring diagrams and compatibility information.

4.1 Addressing the Module

1. Set the module's address using the rotary switches or programming tool as specified by the FACP manufacturer. Each module on the Signaling Line Circuit (SLC) must have a unique address.

2. Record the assigned address for system documentation.

4.2 Wiring Instructions

- **Power Supply:** Connect the external power supply for the NAC to the designated terminals on the module. Ensure the power supply meets the requirements of the notification appliances.
- **SLC Connection:** Connect the SLC wiring from the FACP to the module's input terminals. Observe polarity.
- **NAC Connection:** Connect the notification appliances to the module's output terminals. For Class A wiring, ensure a return path to the module. For Class B, an End-Of-Line Resistor (EOLR) is required at the last device.
- **Grounding:** Ensure the module and associated wiring are properly grounded according to local codes.

Note: Always verify all connections before applying power to the system.

5. Operating Instructions

The FCM-1 module operates under the control of the connected Fire Alarm Control Panel (FACP). Once properly installed and addressed, the FACP will supervise the NAC and activate the connected notification appliances upon receiving an alarm condition.

5.1 LED Indicator

- **Normal Operation:** The LED will flash periodically, indicating normal communication with the FACP.
- **Alarm/Active:** The LED will illuminate steadily when the module is activated (e.g., during an alarm).
- **Trouble:** Specific flash patterns may indicate trouble conditions. Refer to the FACP manual for detailed trouble codes.

5.2 System Testing

Regular system testing, including the activation of the FCM-1 module and its connected notification appliances, should be performed according to local codes and manufacturer recommendations to ensure proper functionality.

6. Maintenance

The FCM-1 module requires minimal maintenance. Regular inspection and cleaning are recommended as part of the overall fire alarm system maintenance schedule.

- **Visual Inspection:** Periodically inspect the module for any signs of physical damage, loose connections, or environmental degradation.
- **Cleaning:** If necessary, gently clean the exterior of the module with a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **System Testing:** Ensure the module is included in routine system tests to confirm its operational status.

Always de-energize the unit prior to any maintenance or servicing.

7. Troubleshooting

If the FCM-1 module or its connected NAC is not functioning as expected, consider the following common

troubleshooting steps:

- **No LED Activity:**
  - Verify power supply to the FACP and SLC.
  - Check SLC wiring for breaks or short circuits.
  - Confirm module address is correctly set and unique.
- **Trouble Indication on FACP:**
  - Consult the FACP manual for specific trouble codes related to the module's address.
  - Check NAC wiring for open circuits (missing EOLR for Class B, or wire break) or short circuits.
  - Verify external power supply for the NAC is present and correct.
- **Notification Appliances Not Activating:**
  - Ensure the FACP is in an alarm state.
  - Check the external power supply for the NAC.
  - Verify wiring to the notification appliances.
  - Test individual notification appliances if possible.

If issues persist, contact qualified service personnel or Notifier technical support.

8. Specifications

Attribute	Value
Brand	Notifier
Model	FCM-1
Part Number	6018009186193
Power Source	Corded Electric (for connected NAC)
Alarm Type	Audible (controls audible devices)
Sensor Type	Photoelectric (refers to compatible detectors, not the module itself)
NAC Configuration	Class A or Class B

Note: Specifications are subject to change without notice. Refer to the latest product datasheet for the most current information.

9. Warranty Information

Notifier products are typically covered by a limited warranty. For specific warranty terms and conditions, please refer to the official Notifier warranty statement provided with your purchase or visit the Notifier website. Keep your proof of purchase for warranty claims.

10. Support and Contact

For technical assistance, product inquiries, or service, please contact your authorized Notifier distributor or visit the official Notifier website. Ensure you have your product model number (FCM-1) and any relevant

system information ready when seeking support.

Notifier by Honeywell

www.notifier.com

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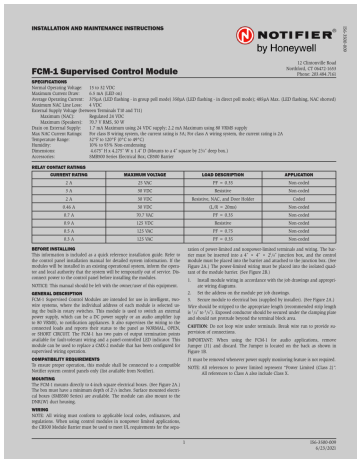
Related Documents - FCM-1

	Notifier FCM-1(A) and FRM-1(A) Series Control and Relay Modules Data Sheet Technical data sheet for Notifier's FCM-1(A) Addressable Control Module and FRM-1(A) Addressable Relay Module, detailing features, applications, specifications, and agency approvals for fire alarm systems.
	NOTIFIER NFS-3030 Intelligent Addressable Fire Alarm System | Technical Data Sheet Explore the NOTIFIER NFS-3030, an intelligent addressable fire alarm control panel from the ONYX Series. Engineered for medium to large facilities, it offers advanced detection, modularity, and extensive device support for critical fire safety applications.
	Notifier NFS-320 Intelligent Addressable Fire Alarm System Datasheet Comprehensive datasheet for the Notifier NFS-320 Intelligent Addressable Fire Alarm System, detailing its features, intelligent sensing capabilities, FlashScan protocol, system specifications, compatible devices, and agency approvals.
	Notifier NFS-640 Intelligent Addressable Fire Alarm System Datasheet Detailed overview of the Notifier NFS-640 Intelligent Addressable Fire Alarm Control Panel, covering its features, advanced FlashScan® protocol, intelligent sensing capabilities, programming options, system modules, and comprehensive technical specifications.

	[Notifier N16 Fire Alarm Control Panel] Efficient, scalable, and connected fire alarm control panel (FACP) from the NOTIFIER INSPIRE series, featuring advanced technology for life safety. This document details the N16e and N16x models, their features, specifications, and compatible components.
	[Notifier AM-8000 Intelligent Addressable Fire Detection Installation Manual] This installation manual provides comprehensive guidance for the Notifier AM-8000 Intelligent Addressable Fire Detection system. It covers system overview, technical specifications, electrical features, installation procedures, wiring diagrams, power supply calculations, testing, and maintenance.

Documents - Notifier – FCM-1



[pdf] Instructions Specifications Dimension Guide Accessories

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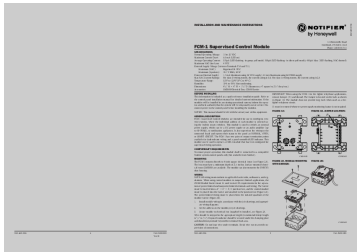
I56-3500-009 INSTALLATION AND MAINTENANCE INSTRUCTIONS **FCM-1** Supervised Control Module 12 Clintonville Road Northford, CT 06472-1653 Phone: 203.484.7161 SPECIFICATIONS Normal Operating Voltage: 15 to 32 VDC Maximum Current Draw: 6.5 mA LED on Average Operating Current: 375A LED flashing - ... lang:en score:52 filesize: 948.94 K page_count: 4 document date: 2022-02-25



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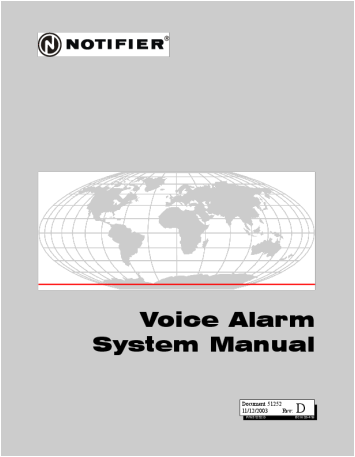
I56 3500 003 A e359066 FCM 1 Supervised Control Module 17 août 2023 — This information is included as a quick reference installation guide Refer to INSTALLATION AND MAINTENANCE INSTRUCTIONS HCE b false prod edam honeywell content dam hbt en us documents manuals and guides |||

NO-460-004 INSTALLATION AND MAINTENANCE INSTRUCTIONS **FCM-1** Supervised Control Module 12 Clintonville Road Northford, CT 06472-1653 Phone: 203.484.7161 SPECIFICATIONS Normal Operating Voltage: 15 to 32 VDC Maximum Current Draw: 6.5 mA LED on Average Operating Current: 375A LED flashing - in... lang:en score:46 filesize: 578.81 K page_count: 2 document date: 2017-06-28



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51252d00Voice ComNotEngl book Notifier Voice Alarm System Manual fire alarm control panel manual with installation operation and programming instructions 2003 edition notifier facp amg 1 e fft 7 7s aa 30 100 120 detection safety smoke detector suppression emergency systems building automation life documentation user guide technical reference wendyf Manuals 88 Free Downloads FACP Manualsv1docs facpmanuals manuals voice system |||

Voice Alarm System Manual D Document 51252 11/12/2003 Rev: P/N 51252:D ECN 03-419 Fire Alarm Sy ... are speaker control modules/expanders and/or transponders, including: SLC Control Modules such as **FCM-1** connected to an approved FACP FTM-1 for use with Fire Fighters Telephone only XP5-C XP T...

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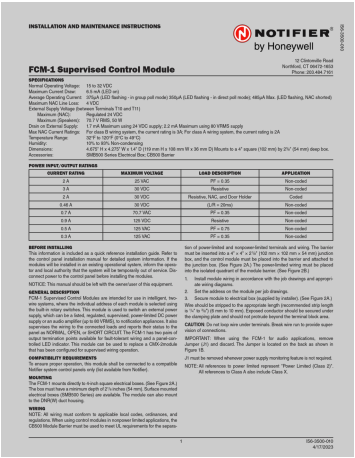

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I56-3500-010 INSTALLATION AND MAINTENANCE INSTRUCTIONS **FCM-1** Supervised Control Module 12 Clintonville Road Northford, CT 06472-1653 Phone: 203.484.7161 SPECIFICATIONS Normal Operating Voltage: 15 to 32 VDC Maximum Current Draw: 6.5 mA LED on Average Operating Current: 375A LED flashing - ...

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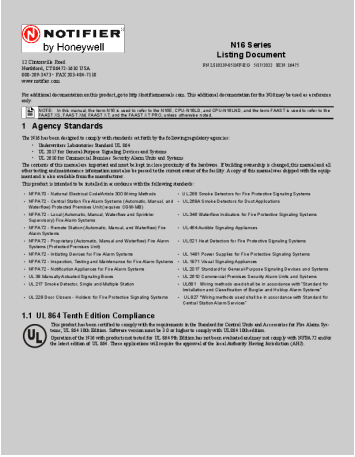

Notifier N16 Series Listing Document

Comprehensive guide detailing the installation, configuration, operation, and UL listing of the Notifier N16 Series Fire Alarm Control Panel (FACP) by Honeywell.

lang:en score:37 filesize: 1.81 M page_count: 64 document date: 2022-05-18

NOTIFIER by Honeywell

NFS2-3030
Listing Document

12 Clintonville Road
Northford, CT 06472-1610 USA
800-289-3473 · FAX 203-484-7118
www.notifier.com

For additional documentation on this product, go to http://AvoidaFire.com. This additional documentation for the NFS2-3030 may be used as a reference only.

NOTE: The term NFS2-3030 is used to refer to the NFS2-3030, NFS2-3030E, and NFS2-3030C. The term FAAST is used to refer to the FAAST FS, FAAST FM, FAAST XT, and the FAAST XT PRO unless otherwise noted.

NOTE: For Main Notification applications, Class A circuits called out in this manual are Class X.

1 Installation

Wiring methods used shall be in accordance with Standard for Installation and Classification of Burglar and Holdup Alarm Systems, UL 681.
Wiring methods used shall be in accordance with Standard for Central Station Alarm Services, UL 827.
This product is intended to be installed in accordance with the following:

- NFPA 70 - National Electrical Code (Article 300 Wiring Methods)
- NFPA 72 - Local (Automatic, Manual, Waterflow and Supervisory) and Waterflow (Protected Premises Unit) Protective Signaling Systems
- NFPA 72 - Local (Automatic, Manual, Waterflow and Supervisory) Fire Alarm Systems
- NFPA 72 - Auxiliary (Automatic, Manual, and Waterflow) Fire Alarm Systems (Protected Premises Unit)
- NFPA 72 - Remote Station (Automatic, Manual, and Waterflow) Fire Alarm Systems
- NFPA 72 - Proprietary (Automatic, Manual and Waterflow) Fire Alarm Systems (Protected Premises Unit)
- NFPA 72 - Initiating Devices for Fire Alarm Systems
- NFPA 72 - Inspection, Testing and Maintenance for Fire Alarm Systems
- NFPA 72 - Notification Appliances for Fire Alarm Systems
- NFPA 11 - Standard on Carbon Dioxide Extinguishing Systems
- NFPA 12A - Standard on Halon 1301 Fire Extinguishing Systems
- NFPA 13 - Standard for Installation of Sprinkler Systems
- NFPA 15 - Standard for Water Spray Fixed Systems
- NFPA 16 - Standard for Deluge Foam Water Systems
- NFPA 17 - Standard for Dry Chemical Extinguishing Systems
- NFPA 17A - Standard for Wet Chemical Extinguishing Systems
- NFPA 72 - Standard for Design, Installation and Testing of Smoke-Control Systems
- NFPA 2001 - Standard for Clean Agent Fire Extinguishing Systems
- UL 217 - Standard for Smoke Detectors, Single and Multiple Station
- UL 38 - Manually Actuated Signaling Boxes
- UL 217 - Smoke Detector, Single and Multiple Station
- UL 228 - Door Closers - Holders for Fire Protective Signaling Systems
- UL 268 - Smoke Detectors for Fire Protective Signaling Systems
- UL 268A - Smoke Detectors for Duct Applications
- UL 346 - Waterflow Indicators for Fire Protective Signaling Systems
- UL 464 - Audible Signaling Appliances
- UL 521 - Heat Detectors for Fire Protective Signaling Systems
- UL 864 - Standard for Control Units for Fire Protective Signaling Systems, 10th Edition
- UL 1481 - Power Supplies for Fire Protective Signaling Systems
- UL 1971 - Visual Signaling Appliances
- UL 2017 - Standard for Commercial Premises Security Alarm Units and Systems
- UL 2017 - Standard for General-Purpose Signaling Devices and Systems
- ULC-S527-11 - Standard for Control Units for Fire Alarm Systems
- ULC-S536 - Standard for the Installation of Fire Alarm Systems
- EIA-485 and EIA-232 Serial Interface Standards

Follow these guidelines when mounting the product's backbox:

- Install backbox only in indoor dry interior locations.
- Recommended temperature for installation of fire panel hardware is between 32 to 120 °F (0 to 49 °C).
- System operation requirements are: 32–120 °F (0–49 °F) and a relative humidity of 10%–93% RH (non-condensing) at 32 °F (0 °F – 2 °C (90 °F – 77 °F).
- Locate the backbox on the top edge is 66 inches (1.67 m) above the surface of the finished floor.
- Access to the cabinet shall be in accordance with NFPA 70, article 110.31.
- Allow sufficient clearance around cabinet for door to swing freely.

[pdf] User Manual Documentation

LS10006 051NF E E5 NFS2 3030ULLD book E421973 3030 Listing Document 1 Installation 19 mag 2022 — Refer to page 5 for wiring the SLC and Notifier Wiring Manual setup information refer UDACT 2 Instruction hbt fire F2 false prod edam honeywell content dam en us documents manuals guides ul listed |||

12 Clintonville Road Northford, CT 06472-1610 USA 800-289-3473 FAX 203-484-7118 www.notifier.com N ... Releasing Applications: The AMPS-24 can provide up to 3A for releasing applications, limited by the **FCM-1**-REL. The APS2-6R can provide up to 6A for releasing applications, limited by the **FCM-1**-REL. T...

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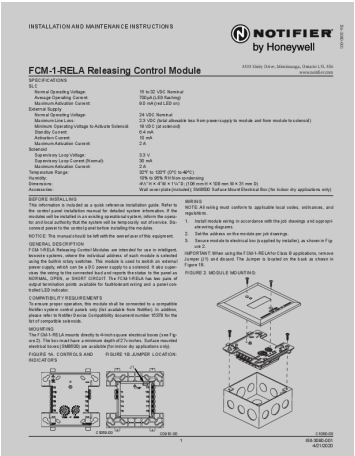

INSTALLATION AND MAINTENANCE INSTRUCTIONS

NOTIFIER by Honeywell

FCM-1-RELA Releasing Control Module

3333 Unity Drive, Mississauga, Ontario L5L 3S6
www.notifier.com

SPECIFICATIONS

SLC:	
Normal Operating Voltage:	18 to 32 VDC Nominal
Average Operating Current:	700 µA (LED flashing)
Maximum Activation Current:	9.0 mA (red LED on)
External Supply	
Normal Operating Voltage:	24 VDC Nominal
Operating Range:	16 to 32 VDC (available less from power-supply to module and from module to solenoid)
Minimum Operating Voltage to Activate Solenoid:	16 VDC (at solenoid)
Standby Current:	0.4 mA
Activation Current:	10 mA
Maximum Activation Current:	2 A
Supervisory:	
Supervisory Loop Voltage:	3.3 V
Supervisory Loop Current (Normal):	30 mA
Maximum Activation Current:	2 A
Temperature Range:	32°F to 120°F (0°C to 49°C)
Humidity:	10% to 93% RH Non-condensing
Dimensions:	41.0 in. x 4.0 in. x 14.7 in. (1.04 mm x 102 mm x 374 mm D)
Accessories:	Wall mounting plate (included), SMB600 Surface Mount Electrical Box (for indoor dry applications only)

BEFORE INSTALLING

This document is intended as a quick reference installation guide. Refer to the control panel installation manual for detailed system information. If the modules will be installed in an existing operational system, inform the operator and local authority that the system will be temporarily out of service. Disconnect power to the control panel before installing the modules.

NOTICE: This manual should be left with the owner/user of this equipment.

GENERAL DESCRIPTION

FCM-1-RELA Releasing Control Modules are intended for use in intelligent, addressable systems, where the individual address of each module is selected using the rotary decimal switches. The module receives its power from the main power supply, which can be a 24 V power supply or a solenoid. It also supervises the wiring to the connected load and reports the status to the panel as NORMAL, OPEN, or SHORT CIRCUIT. The FCM-1-RELA has two pairs of output termination points available for field-to-panel wiring and a panel controlled LED indicator.

COMPATIBILITY REQUIREMENTS

To ensure proper operation, the module will be connected to a compatible Notifier by power control panels only (not available from Notifier). In addition, please refer to Notifier Device Compatibility document number 15378 for the list of compatible solenoids.

MOUNTING

The FCM-1-RELA mounts directly to 4-inch square electrical boxes (see Figure 2). The box must have a minimum depth of 2⅛ inches. Surface mounted electrical boxes (SMB600) are available (for indoor dry applications only).

FIGURE 1A. CONTROLS AND INDICATORS

FIGURE 1B. JUMPER LOCATION

WIRING

NOTE: All wiring must conform to applicable local codes, ordinances, and regulations.

1. Install module wiring in accordance with the job drawings and appropriate wiring diagrams.
2. Set the address on the module per job drawings.
3. Secure module to electrical box (supplied by installer), as shown in Figure 2.

IMPORTANT: When using the FCM-1-RELA in Class B applications, remove Jumper (J1) and discard. The Jumper is located on the back as shown in Figure 1B.

FIGURE 2. MODULE MOUNTING

[pdf] User Manual Installation Guide Instructions Specifications Dimension Guide Accessories

FCM 1 RELA Releasing Control Module I56 3080 001 false prod edam honeywell content dam hbt en us documents manuals and guides installation modules |||

I56-3080-001 Installation And Maintenance Instructions **FCM-1**-RELA Releasing Control Module 3333 Unity Drive, Mississauga, Ontario L5L 3S6 www.notifier.com Specifications SLC Normal Operating Voltage: Average Operating Current: Maximum Activation Current: External Supply Normal Operating Voltage:...

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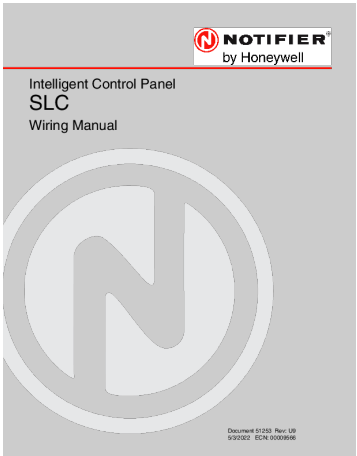

NOTIFIER by Honeywell

Intelligent Control Panel
SLC
Wiring Manual

Document 51253 Rev: U9
9/3/2020 ECN: 00009566

Notifier SLC Wiring Manual: Intelligent Control Panel Installation Guide

Comprehensive wiring manual for Notifier Intelligent Control Panel SLC devices. Covers installation, wiring requirements, device specifications, and safety precautions for fire alarm systems, supporting various Notifier FACPs.

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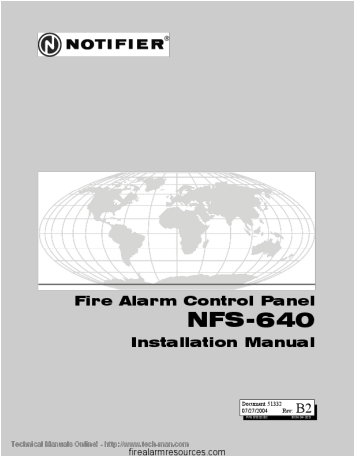

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Fire Alarm Control Panel NFS-640 Installation Manual B2 Document 51332 07/27/2004 Rev: P/N 51332:B ... l Panel .....62 4.5.5 Connecting a Releasing Device to the **FCM-1** Module .....63 4.5.6 Connecting an NBG-12LRA Agent Relea...

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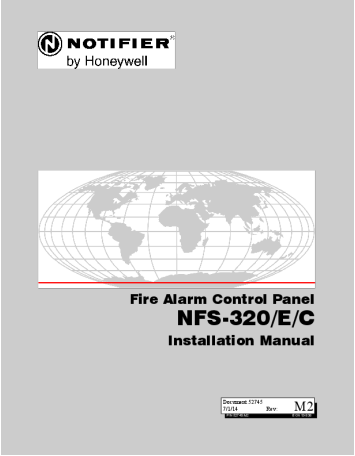

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Fire Alarm Control Panel NFS-320/E/C Installation Manual Document 52745 7/1/14 Rev: P/N 52745:M2 ... .44 4.7.5: Connecting a Releasing Device to the **FCM-1** Module.....46 4.7.6: Connectin...

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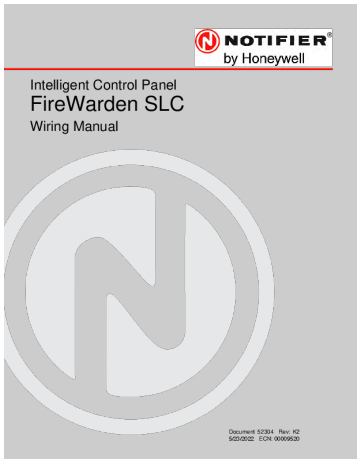

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Intelligent Control Panel FireWarden SLC Wiring Manual Document 52304 Rev: K2 5/23/2022 ECN: 0000952 ... .42 6.2: NC-100 and **FCM-1** Installation.....

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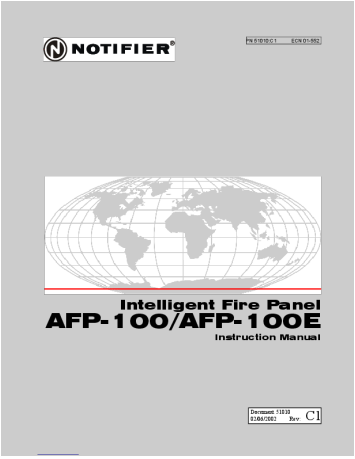

NOTIFIER AFP-100/AFP-100E Intelligent Fire Panel Instruction Manual

Comprehensive instruction manual for the NOTIFIER AFP-100 and AFP-100E Intelligent Fire Alarm Control Panels (FACPs), covering installation, operation, programming, and technical specifications for fire protection systems.

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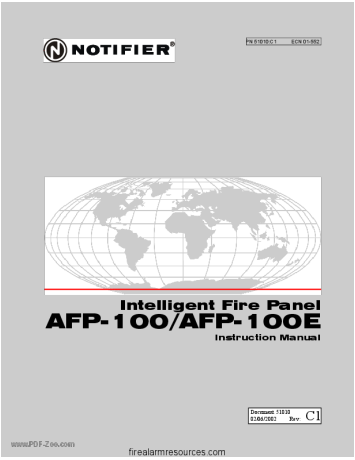

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PN 51010:C1 ECN 01-552 Intelligent Fire Panel AFP-100/AFP-100E Instruction Manual www.PDF-Zoo.com ... 3 21 0 ONES 4 AADDDDRREESSSS ISO-X.cdr FMM-1.cdr 1. Product Description Control Module, NAC - **FCM-1** Addressable Control Module used as Notification Appliance Circuits NACs to power and supervi...

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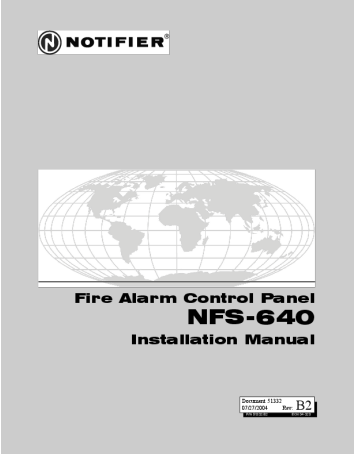

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Fire Alarm Control Panel NFS-640 Installation Manual B2 Document 51332 07/27/2004 Rev: P/N 51332:B ... l Panel .....62 4.5.5 Connecting a Releasing Device to the **FCM-1** Module .....63 4.5.6 Connecting an NBG-12LRA Agent Relea...

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NOTIFIER TECH TIP

AFP-3030	VeriFire® Tools AUS	"NFN Gateway"

VeriFire® Tools is the software suite used to communicate with the AFP-3030 and Noti-Fire-Net for programming, reporting and diagnostics.

When VeriFire® Tools is installed it will install a task that is necessary for it to communicate with related fire system equipment.

It is possible that in some cases this task will clash with other programs installed on the computer, where the computer is also used to interface and communicate with other equipment.

This task is generally run when the computer starts, or when VeriFire® Tools is started if it is not already running. The task will remain running on the computer once VeriFire® Tools is shut down.

The "NFN Gateway" task is shown in the taskbar with the following "double-arrow" symbol when it is running on the computer.

There are numerous ways to prevent the "NFN Gateway" task from running on computer start-up. The following pages show several ways to achieve this and to also shut-down the task once it has been started.

Always exercise extreme care when modifying your system. For further details please contact Notifier Technical Support.

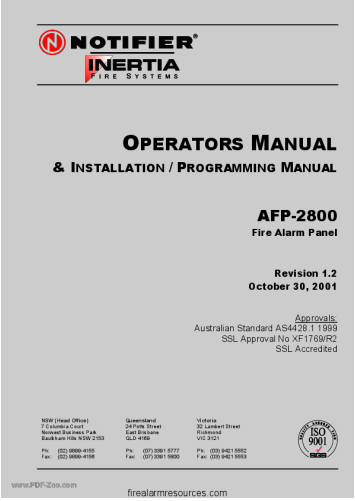
Further Tech Tips and other valuable information can be found in the "Download Centre" located at www.notifier.com.au

[pdf] Installation Guide Frequently Asked Questions

Microsoft Word AFP2800 General FAQ 01 V1 1 docx User ba fire A of all Notifier Tech Tips false prod edam honeywell content dam hbt en us documents manuals and guides reference notifier aus |||

AFP-3030 NOTIFIER TECH TIP VeriFire Tools AUS NFN Gateway V1.0 CH 11/05/16 VeriFire Tools is ... thru AZF8 AFP-3030 NAC OP s 4K7 NAC1, NAC2 ADDRESSABLE FIELD DEVICES FZM-1 FMM-1 FMM-101 FRM-1 **FCM-1** XP6-MA XP10-M XP6-R XP6-C 3K9 47K 47K 47K 3K9 47K 47K YES 1 X Conv Zone 1 X Monitored...

lang:en score:33 filesize: 2.85 M page_count: 24 document date: 2016-09-09



NOTIFIER INERTIA FIRE SYSTEMS

OPERATORS MANUAL & INSTALLATION / PROGRAMMING MANUAL

AFP-2800 Fire Alarm Panel

Revision 1.2
October 30, 2001

Approvals:
Australian Standard AS4428.1 1999
SSL Approval No XF1769/R2
SSL Accredited

NSW (Head Office) 7 Columbia Court Norwest Business Park Baulkham Hills NSW 2153 Ph: (02) 9680-4155 Fax: (02) 9680-4156

Queensland 24 Polly Street East Brisbane QLD 4169 Ph: (07) 3891 5777 Fax: (07) 3891 5800

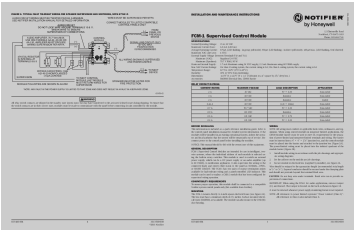
Victoria 32 Lambert Street Kew VIC 3101 Ph: (03) 9421 5552 Fax: (03) 9421 5553

www.PDF-Zoo.com firealarmresources.com

Notifier AFP-2800 Fire Alarm Panel: Operators, Installation, and Programming Manual

Comprehensive manual for the Notifier AFP-2800 Fire Alarm Panel, covering operators guide, installation procedures, programming, system description, specifications, and troubleshooting. Essential for system setup and maintenance.

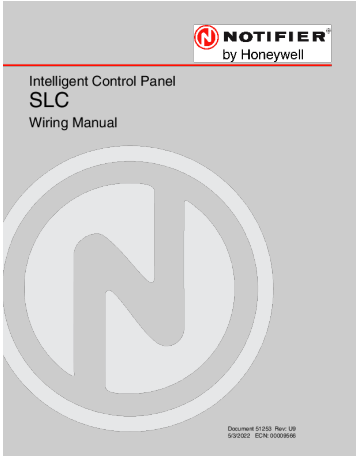
lang:en score:33 filesize: 2.51 M page_count: 101 document date: 2022-02-19



Notifier FCM-1 Supervised Control Module Installation and Maintenance Instructions

Installation and maintenance guide for the Notifier FCM-1 Supervised Control Module, detailing specifications, wiring, mounting, and general operation for fire alarm systems. Includes textual descriptions of diagrams.

lang:en score:32 filesize: 1.04 M page_count: 2 document date: 2023-08-27



NOTIFIER by Honeywell

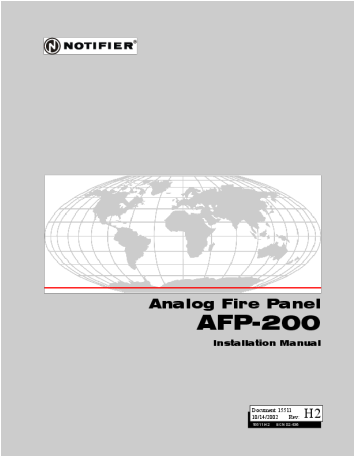
Intelligent Control Panel
SLC
Wiring Manual

Document 51253 Rev: U9
5/3/2022 ECN: 00008666

NOTIFIER Intelligent Control Panel SLC Wiring Manual

Comprehensive wiring manual for NOTIFIER Intelligent Control Panel SLC devices, covering installation, circuit configurations (Class A, B, X), module types, and system compatibility. Essential guide for fire alarm system installers.

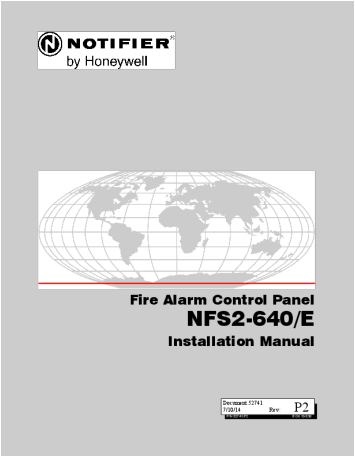
lang:en score:32 filesize: 3.34 M page_count: 88 document date: 2022-06-03



[NOTIFIER AFP-200 Analog Fire Panel Installation Manual]

This installation manual provides comprehensive guidance for the NOTIFIER AFP-200 Analog Fire Panel, covering system overview, component details, installation procedures, wiring requirements, programming instructions, and operational guidelines for fire safety professionals.

lang:en score:32 filesize: 3.74 M page_count: 196 document date: 2025-08-18



[pdf] User Manual Datasheet Documentation Guide

untitled Notifier NFS2 640 E fire alarm control panel manual covering installation 2014 edition notifier facp nfs2 e detection safety smoke detector suppression emergency systems building automation life documentation technical reference user guide programming Datasheet Manuals 88 Free Downloads FACP Manualsgproxydocs facpmanuals manuals backup 2025 07 02T14 52 41 244Z |||

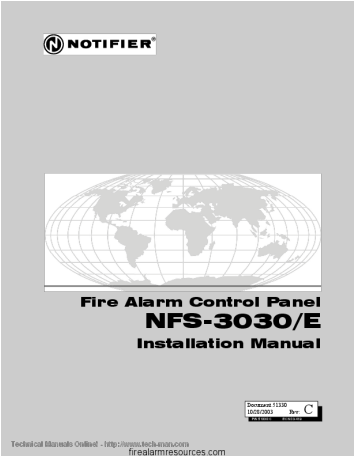
Fire Alarm Control Panel NFS2-640/E Installation Manual Document 52741 7/10/14 P/N 52741:P2 Rev: ... .56 4.7.4: Connecting a Releasing Device to the **FCM-1** Module.....57 4.7.5: Connectin...

lang:en score:32 filesize: 2.93 M page_count: 78 document date: 2014-08-08

[Notifier NFS-320 Intelligent Addressable Fire Alarm System]

Detailed specifications and features of the Notifier NFS-320 Intelligent Addressable Fire Alarm System, including its capabilities, intelligent sensing technology, and compatibility with various devices.

lang:en score:32 filesize: 1.13 M page_count: 8 document date: 2022-02-19

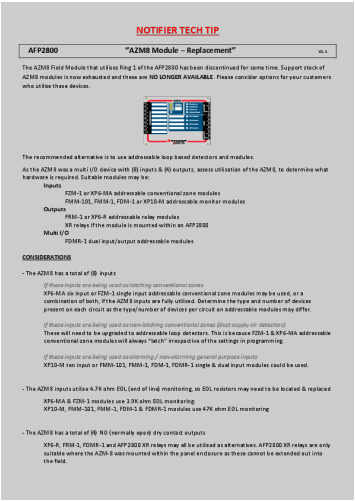


[pdf] User Manual Instructions Specifications Guide

51330 c00 book Marys Click here to Notifier NFS 3030 Installation Fire Alarm Resources Free fire alarm manuals documents installation instructions and technical specifications tmstv 1675562292 firealarmresources 23875 |||

Fire Alarm Control Panel NFS-3030/E Installation Manual C Document 51330 10/28/2003 Rev: P/N 513 ... .57 4.7 Connecting a Releasing Device to a **FCM-1** Module .....58 4.7.1 Connecting an NBG-12L...

lang:en score:32 filesize: 2.75 M page_count: 68 document date: 2022-02-19

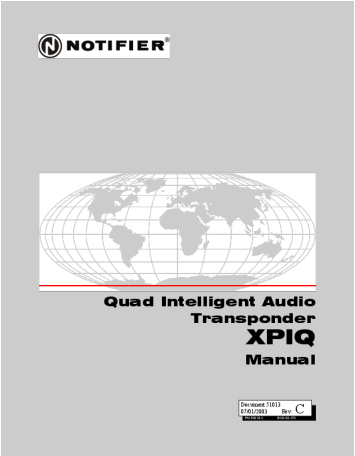


[pdf]

e306149 ba fire AFP2800 AZM8 Module Replacement V1 1 false prod edam honeywell content dam hbt en us documents manuals and guides reference notifier aus |||

NOTIFIER TECH TIP AFP2800 AZM8 Module Replacement V1.1 The AZM8 Field Module that utilises Ri ... ed as per AS1670, AS1668, and AS2118. Separate 2 core cable to be run for 24VDC power to FZM-1 and **FCM-1** modules *Max distance of the loop is governed by the total loop resistance and will depend on...

lang:en score:32 filesize: 499.21 K page_count: 3 document date: 2015-03-25



[pdf] User Manual Guide

Notifier Quad Intelligent Audio Transponder XPIQ Manual Rev C Cindyl Go Now Techcommft blob core windows net View guide user manual Url techcommft fluidtopics integrations docs 51013 |||

Quad Intelligent Audio Transponder XPIQ Manual C Document 51013 07/01/2003 Rev: PN 51013:C ECN 03 ... 8 910 8 4 3 11 12 1 7 2 TE2N1S0 151 13 4 6789 5 64 3 3 2 5 10 ONES 4 LOOP ADDRESS **FCM-1** Addressable Output devices are not controlled in the degraded mode. Separate T-tap to other lo...

lang:en score:32 filesize: 1.57 M page_count: 80 document date: 2005-11-14

Certificate Number: 16-HS1551271-PDA
04/JAN/2017

Confirmation of Product Type Approval

Please refer to the "Service Restrictions" shown below to determine if Unit Certification is required for this product.

This certificate reflects the information on the product in the ABS Records as of the date and time the certificate is printed.

Pursuant to the Rules of the American Bureau of Shipping (ABS), the manufacturer of the below listed product held a valid Manufacturing Assessment (MA) with expiration date of 31 AUG 2021. The continued validity of the Manufacturing Assessment is dependent on completion of satisfactory audits as required by the ABS Rules.

And a Product Design Assessment (PDA) valid until subject to continued compliance with the Rules or standards used in the evaluation of the product.

The above entitle the product to be called Product Type Approved.

The Product Design Assessment is valid for products intended for use on ABS classed vessels, MODUs or facilities which are in existence or under contract for construction on the date of the ABS Rules used to evaluate the Product.

ABS makes no representations regarding Type Approval of the Product for use on vessels, MODUs or facilities built after the date of the ABS Rules used for this evaluation.

Due to wide variety of specifications used in the products ABS has evaluated for Type Approval, it is part of our contract that; whether the standard is an ABS Rule or a non-ABS Rule, the Client has full responsibility for continued compliance with the standard.

Product Name: Fire Detection and Alarm System
Model Name(s): NFS2-3030

Presented to:
HONEYWELL INTERNATIONAL INC, NOTIFIER DIV.
12 CLINTONVILLE ROAD
CT 06472
United States

Intended Service: Fire Alarm control panel for fire detection and fire alarm system of Marine & Off-shore

Description: Fire Detection and Alarm Control Panel System NFS2-3030. Includes control panel, annunciators, modules, accessories, initiating devices, and notification devices listed in Marine Equipment Kit, Marine (E) Systems Product Installation, R-3047545.B1 dated 19 April 2012. System Capacity & Specifications: See Notifier Bulletins DN-7111.F, DN-7047.C1, & DN-7070.H are attached pdf for components list.

Tier: 3

Ratings: Input Voltage: 120 VAC, 50/60 Hz, 4.5A & 240 VAC, 50/60 HZ, 2.25A Operating Temperature range: 0 °C - 49 °C (32 °F - 120 °F); Humidity: 0% to 93% ± 2%; Enclosure: NEMA 4X, IP55 DC Output: 24 VDC up to 5.0 A

Service Restrictions: Unit Certification is not required for this product. If the manufacturer or purchaser request an ABS Certificate for compliance with a specification or standard, the specification or standard, including inspection standards and tolerances, must be clearly defined. 1) For use on US Flagged vessel, the Fire Detection Control Panel and associated components are to be approved by the USCG. 2) Devices in the approved component list that may be installed in areas requiring exceptional degrees of protection (i.e., wet/ damp locations such as galleys, machinery spaces, and cargo spaces) are as follows. Backboxes: BBS-2, BBSC-2, BBSCW-2.

6/10/4/2017 3:03:09 PM Copyright 2001-American Bureau of Shipping. All rights reserved. Page 1 of 3

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[pdf] Instructions Specifications

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Certificate Number: 16-HS1551271-PDA 04/JAN/2017 Confirmation of Product Type Approval Please refer ... W and SA-WBBW. Bases: all. Manual pull stations: all. Chimes/ horns/ strobes: all. Control modules: **FCM-1**, FDRM-1, XP6-C, XP6-R, and **FCM-1**-Rel. Relay module: FRM-1 EOLR-1. Monitor modules: FDM-1, FM...

lang:en score:32 filesize: 615.27 K page_count: 3 document date: 2022-02-17

NOTIFIER by Honeywell

NFW-50X Intelligent Addressable FACP with Communicator

General

The FireWarden-50X (NFW-50X) is the latest intelligent addressable fire alarm control panel (FACP) within the FireWarden Series and is a direct replacement for the FireWarden-50 (NF50). The NF50/50X comes with a pre-installed communicator and supports up to 50 addressable devices. The communicator is optional on the NFW-50X. With an extensive list of powerful features, the NFW-50X programs just like FireWarden-100 products, yet fits into applications previously served only by conventional panels.

The pre-installed IPDTS-COM is a dual technology (IPDTS and IP) communicator. The IPDTS transmits system status (alarms, troubles, AC fail, etc.) to a Central Station via the public switched telephone network. The IP transmits the same information and supervised alarm signals over the Internet using the monthly cost of two dedicated business telephone lines. Although not required, the second unit replaces the more expensive two-line dialer backup communication system. Two-way voice functions and remote firmware upgrade reporting is available using the CELL-MOD or CELL-CAB-W.

Remote and local programming of the control panel is possible using the FS-Tools Upload/Download utility. Programming databases can be uploaded/downloaded via the panel's USB port (and USB cable) or via an ethernet connection using the IPDTS-COM communicator. The FS-Tools utility can also be used to upgrade or upload of the main program, history file, walk-test data, current status and system images by means of a USB flash drive.

The power supply and all electronics are contained on a circuit board supported on a new quick install chassis and housed in a metal cabinet. Available accessories include local and remote upload/download software, remote annunciation, and reverse polarity/trip two transmitter (RTM).

Features

- Listed to UL Standard 864, 10th edition
- Pre-installed IPDTS-COM/Ethernet IP and PDTS (Plain Old Telephone Service) communication capabilities
- Optional CELL-MOD or CELL-CAB-W 4G/3G Central Station Communicator over AlarmNet®
- Compatible with SWIFT® wireless devices
- Auto-programming (learn mode) reduces installation time. Reports two devices with the same address
- Two independently programmable, built-in Style Z (Class A) or Style Y (Class B) circuits
- Selectable static synchronization for System Sensor, Wheelock, and Gentex devices
- Notification Appliance Circuit End of Line resistor matching
- Four programmable function keys for ease of maintenance
- Two programmable relays and one fixed trouble relay
- Built-in Programmer
- Integral 80-character LCD display with backlighting
- Real time clock/calendar with automatic daylight savings control
- Expandable to 50 addressable capacity
- Addressable operator base
- Control module delay timer
- Automatic detector sensitivity testing (NFPA72 compliant)
- Automatic device type-code verification
- Point trouble identification
- Waterflow selection per module point
- Alarm verification selection per detector point
- Maintenance alert warns when smoke detector dust accumulation is excessive

- One-person audible or silent walktest with walktest log & printout
- System alarm verification selection per detector point
- Fire Protection Alarm Sequences and Fire signal per point (NFPA 72 compliant)
- Up to 16 ANN-BUS annunciators. 8 per each ANN-Bus
- Remote Acknowledge, Alarm Silence, Reset and Drill via addressable modules or remote annunciator
- Upload/Download of program and data via USB with optional FS-Tools Programming Utility

SLC COMMUNICATION LOOP

- Supports FastScan® and CLIP protocols
- SLC operates up to 10,000 ft. (3,000 m) in FastScan mode with twisted, unshielded wire
- Single address-able SLC loop which meets NFPA Class B and Class A requirements
- 50 addressable device capacity (any combination of addressable detectors and modules)
- Compatible with NOTIFIER FireWarden & ON-X® Series addressable devices (refer to the FireWarden SLC Wiring Manual)

NOTIFICATION APPLIANCE CIRCUITS (NAC'S)

- Two independently programmable output circuits. Circuits can be configured for the following outputs:
  - Style Y (Class B)
  - Style Z (Class A)
- Silence inhibit and Autosilence timer options
- Continuous, March Time, Temporal, or California code for main bell/horn, or Zone Coded Alarm Signal
- Selectable static synchronization per NAC
- 2.0 A special application, 24VDC regulated, total power for NACs. *NOTE: Marine or metal FAYDC system power shared between all NAC circuits and the ANN-BUS is 2.5 A*

PROGRAMMING AND SOFTWARE

- Auto-programming (learn mode) reduces installation time
- Custom English labels (per point) may be manually entered or selected from an internal library file
- Two programmable Form C relay outputs
- 50 software zones
- Continuous fire protection during online programming

DN-60266:C - 7/18/2019 — Page 1 of 4

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[pdf] Instructions Specifications

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NFW-50X Intelligent Addressable FACP with Communicator General The FireWarden-50X NFW-50X is the ... . Refer to the Device Compatibility Document for listed compatible devices and quantity limitation. **FCM-1**: Addressable Control Module for one Style Y/Z Class B/A zone of supervised polarized Notific...

lang:en score:32 filesize: 797.84 K page_count: 4 document date: 2022-02-15

NOTIFIER by Honeywell

NFS-320 Intelligent Addressable Fire Alarm Control Panel

General

The NFS-320 intelligent Fire Alarm Control Panel is part of the ONYX® Series of Fire Alarm Controls from NOTIFIER.

In standalone or network configurations, ONYX Series products meet virtually every application requirement.

The NFS-320's modular design makes system planning easier. The panel can be configured with just a few devices for small building applications, or networked with many devices to protect a large campus or a high-rise office block. Simply add additional peripheral equipment to suit the application. Wireless fire protection can be added with the SWIFT® wireless gateway and devices.

For installations using NFS-320C, an optional ACM Series annunciator can be added to the panel. Additional (up to 48 annunciators, order separately, see ZAN-0008).

NOTE: Unless called out with a version-specific "P", "C" or "E" at the end of the part number, "NFS-320" refers to models NFS-320, NFS-320/P, NFS-320/C, and NFS-320/E.

Features

- Certified for seismic applications when used with the appropriate seismic bracing kit.
- Approved for Marine applications when used with listed compatible equipment. See ZN-0006.
- One isolated intelligent Signaling Line Circuit (SLC) Class A, B, or X.
- Up to 159 detectors and 159 modules per SLC; 318 devices maximum.
  - Detectors (sense any one of smoke, thermal, or multi-sensor) and modules (control, monitor, or control/monitor).
  - Modules include addressable pull stations, normally open contact devices, two-wire smoke detectors, notification, or relay; wireless modules are available for use with the FWSG.
- Optional FWSG Wireless SWIFT Gateway supports wireless SLC devices.
- Standard 80-character display.
- Network options:
  - High-speed network for up to 200 nodes (NFS2-3030, NFS2-640, NFS-3030E1, NFS-3030F1, NCS, NCA-2, DVC-EM, ONYXWorks, NFS-3030, NFS-640, and NCA).
  - Standard network for up to 103 nodes (NF50-3030, NF50-640, NFS-3030, NFS-640, NCS, NCA, DVC-EM, ONYXWorks, NCS, NFS-3030, NFS-640, NCA, APR-300, APR-500 400, APR-1010, and AMG200). Up to 64 nodes when DVC-EM is used in network paging.
- 6.0 A power supply with four Class A/B built-in Notification Appliance Circuits (NAC). Selectable System Sensor, Wheelock, or Gentex strobe synchronization.
- Four Form C relays, one trouble, and Supervisory relays.
- SwipeTrol® Tools online or offline programming utility. Upload/download, save, store, check, compare, and simulate panel database. Upgrade panel firmware.
- Auto-programming and Walk Test reports.
- Multiple central station communication options:
  - Standard UDACT
  - Internet
  - Internet/GSM
- 80-character remote annunciators (up to 32).
- EIA-485 annunciators, including custom graphics.
- Printer interface (80-column and 40-column printers).
- History file with 800-event capacity in nonvolatile memory, plus separate 200-event alarm-only file.
- Alarm Verification selection per point, with automatic counter.
- Pneumatic/Positive Alarm Sequence (PAS).
- Silence inhibit and Auto Silence timer options.
- NAC coding functions:
  - March time.
  - Temporal.
  - California two-stage coding.
  - Canadian two-stage.
  - Continuous operation.
- Field programmable on panel or on PC with VeriFire® Tools program check, compare, simulate.
- Full CAMRY® keypad.
- Battery charger supports 18 – 200 AH batteries.
- Non-alarm points for lower priority functions.
- Remote ACK/Signal Silence/System Reset/Drill via monitor modules.
- Automatic time control functions, with holiday exceptions.
- Enhanced lightning transient protection.
- Powerful Boolean logic equations.

SWIFT® WIRELESS

- Self-healing mesh wireless protocol.
- Each SWIFT Gateway supports up to 50 devices. 1 wireless gateway and up to 49 SWIFT devices.
- Up to 4 wireless gateways can be installed with overlapping network coverage.

RELEASING FEATURES

- Ten independent hazards.
- Sophisticated cross-zone (three options).
- Delay timer and Discharge timers (adjustable).
- Abort (four options).
- Low-pressure CO_2 latch.

DN-71 IDP • 12/20/2020 — Page 1 of 7

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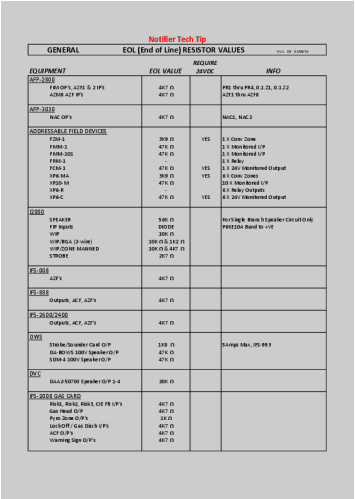
[pdf] Instructions Specifications

NOTIFIER NFS-320 Intelligent Addressable Fire Alarm Control Panel Datasheet

Comprehensive details on the NOTIFIER NFS-320 Intelligent Addressable Fire Alarm Control Panel, part of the ONYX Series. Covers features, specifications, networking, compatible devices, and intelligent sensing capabilities for advanced fire alarm systems.

lang:en score:32 filesize: 943.49 K page_count: 7 document date: 2022-02-15



Notifier Tech Tip

GENERAL EOL (End of Line) RESISTOR VALUES

EQUIPMENT	EOL VALUE	REQUIRE 24VDC	INFO
AFP-2800			
FIM OP's, AZF1 & 2 IP's	4K7 Ω		FIM1 Thru FIM4, 0.3 .Ω, 0.3.2.2
AZM8 AZF IP's	4K7 Ω		AZF1 thru AZF8
AFP-3030			
NAC OP's	4K7 Ω		NAC1, NAC2
ADDRESSABLE FIELD DEVICES			
FZM-1	3K9 Ω	YES	1 X Conv Zone
FMM-1	47K Ω		1 X Monitored I/P
FMM-101	47K Ω		1 X Monitored I/P
FRM-1	-		1 X Relay
FCM-1	47K Ω	YES	1 X 24V Monitored Output
XP6-MA	3K9 Ω	YES	1X Conv Zones
XP10-M	47K Ω		10 X Monitored I/P
XP6-R			6 X Relay Outputs
XP6-C	47K Ω	YES	6 X 24V Monitored Output
0200			
SPEAKER	3.9K Ω		Not Single Phase Speaker Circuit Only
PIM Inputs	3K9Ω		PIM1Ω0A Hard to +rt
V/P	20K Ω		
V/P, MCA (2-wire)	30K Ω & 3.9Ω Ω		
V/P, CO NE MANNED	30K Ω & 4K7 Ω		
STROBE	2K7 Ω		
FS-901			
A2F's	4K7 Ω		
FS-916			
Outputs, ACF, A2F's	4K7 Ω		
FS-2600/2400			
Outputs, ACF, A2F's	4K7 Ω		
OWS			
STROBE/Speaker Circ O/P	3.9Ω Ω		Same Min, IFS-99 3
Dia-BOX 0.100V Speaker O/P	47K Ω		
SDM-4 100V Speaker O/P	47K Ω		
DVC			
DIALO 50TOT Speaker O/P 3-4	20K Ω		
FS-2024 GAS CLRD			
Rch1, Rch2, Rch3, CIC F8 I/P's	4K7 Ω		
Gas Head O/P	4K7 Ω		
Pyro Zone O/P's	1K Ω		
Lock Off / Gas Dtch I/P's	4K7 Ω		
ACF O/P's	4K7 Ω		
Warning Sgn O/P's	4K7 Ω		

[pdf]

General EOL End Of Line Resistor Values V1 1 xlsx e306149 ba fire false prod edam honeywell content dam hbt en us documents manuals and guides reference notifier aus |||

GENERAL EQUIPMENT AFP-2800 FIM OP s, AZF1 2 IP s AZM8 AZF IP s Notifier Tech Tip EOL End of Line ... thru AZF8 AFP-3030 NAC OP s 4K7 NAC1, NAC2 ADDRESSABLE FIELD DEVICES FZM-1 FMM-1 FMM-101 FRM-1 **FCM-1** XP6-MA XP10-M XP6-R XP6-C 3K9 47K 47K 47K 3K9 47K 47K YES 1 X Conv Zone 1 X Monitored...

lang:de score:32 filesize: 52.28 K page_count: 1 document date: 2016-08-02

NFS2-640

Intelligent Addressable Fire Alarm System

NOTIFIER by Honeywell

Intelligent Fire Alarm Control Panels

General

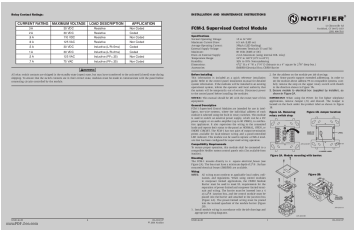
Features

firealarmresources.com

[Notifier NFS2-640 Intelligent Addressable Fire Alarm Control Panel - Technical Specifications and Features]

Comprehensive overview of the Notifier NFS2-640 Intelligent Addressable Fire Alarm Control Panel, detailing its features, FlashScan protocol, ONYX intelligent sensing, system capacity, specifications, agency listings, and compatible devices.

lang:en score:31 filesize: 1.18 M page_count: 10 document date: 2022-02-19



FCM-1 Supervised Control Module

[Notifier FCM-1 Supervised Control Module: Installation and Maintenance Instructions]

Detailed installation and maintenance guide for the Notifier FCM-1 Supervised Control Module, covering specifications, wiring, and operational procedures for fire alarm systems.

lang:en score:31 filesize: 193.12 K page_count: 2 document date: 2023-08-27

Certificate Number: 16-HS1551268-PDA 04/JAN/2017

Confirmation of Product Type Approval

Product Name: Fire Detection and Alarm System
Model Name(s): NFS2-640 and NFS-320

Presented to:
HONEYWELL INTERNATIONAL INC, NOTIFIER DIV
12 CLINTONVILLE ROAD
CT 06472
United States

Intended Service: Fire Alarm control panel for fire detection and fire alarm system of Marine & Offshore

Description: Fire Detection and Alarm Control Panel System NFS2-640 and NFS-320. Includes control panel, annunciators, modules, accessories, initiating devices, and notification devices listed in Marine Equipment Kit, Marine Kit, Product Installation Document P/N 54-768-A1-Marine R August 2011, System Capacity & Specifications, See Notifier Bulletins DN-7111 S1-A 10 & DN-7112 E see attached pdf for components list.

Tier: 3

Ratings: Input Voltage: 120 VAC, 50/60 Hz, 3.0A & 220/240 VAC, 50/60 HZ, 1.5A Operating Temperature range: 0 °C - 49 °C (32 °F - 120 °F); Humidity: 0% to 93% ± 2%; Enclosure: NEMA 4X Battery Charger/Total Output 24 VDC, 8A in Alarm

Service Restrictions: Unit Certification is not required for this product. If the manufacturer or purchaser request an ABS Certificate for compliance with a specification or standard, the specification or standard, including inspection standards and tolerances, must be clearly defined. Details of the installation that must be consulted in advance, requiring special degrees of protection (i.e., wet damp locations such as galleys, machinery spaces, and cargo spaces) are as follows. Backboxes: BBS-2, BBSC-2, BBSCW-2, BBSW-2, SA-WBB, SA WBBC, SA-WBBCW and SA WBBW. Bases: all. Manual pull stations: all. Chimes/ horns/ strobes: all. Control modules: FCM-1, and FCM-1-Rel. Relay module: FRM-1. Monitor modules: FDM-1, FMM-1,

[pdf] Instructions Specifications

Click here to Notifier ABS Confirmation of Product Type Approval NFS 320 NFS2 640 Fire Alarm Resources Free fire alarm manuals documents installation instructions and technical specifications tmstv 1676769636 firealarmresources 24005 |||

Certificate Number: 16-HS1551268-PDA 04/JAN/2017 Confirmation of Product Type Approval Please refer ... W and SA-WBBW. Bases: all. Manual pull stations: all. Chimes/ horns/ strobes: all. Control modules: **FCM-1**, and **FCM-1**-Rel. Relay module: FRM-1. Monitor modules: FDM-1, FMM-1, 01/04/2017 3:05:15 PM Co...

lang:en score:31 filesize: 614.83 K page_count: 3 document date: 2022-02-17

[Notifier NFW-100X Intelligent Addressable FACP with Communicator Datasheet]

Datasheet for the Notifier NFW-100X Intelligent Addressable Fire Alarm Control Panel (FACP) with integrated communicator, detailing its features, specifications, and compatibility.

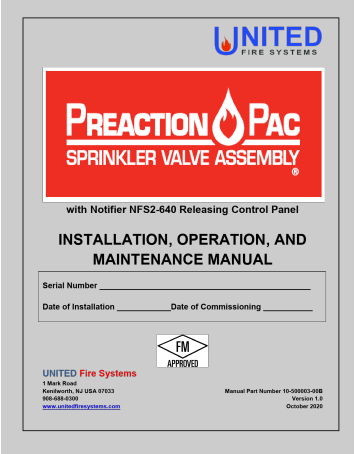
lang:en score:31 filesize: 826.54 K page_count: 4 document date: 2022-02-15

[pdf] Instructions Specifications Datasheet

untitled Click here to Notifier NFS2 640 E Data Sheet Fire Alarm Resources Free fire alarm manuals documents installation instructions and technical specifications tmstv 1676713096 firealarmresources 23003 |||

NFS2-640 Intelligent Addressable Fire Alarm Control Panel General The NFS2-640 intelligent Fire Ala ... -951 FSP-951 FST-951 FCO-951 ...etc. SLC Intelligent Loop 1 DEVICES NBG-12LX XP6/10 FMM-1 IDC **FCM-1** NAC FRM-1 Relay Contact SLC Intelligent Loop 2 FWSG EIA-485 2048 annunciator/control poin...

lang:en score:30 filesize: 886.91 K page_count: 9 document date: 2022-02-15



[pdf] User Manual Instructions Warranty

Stan Slonski Notifier NFS2 640 Releasing Control Panel INSTALLATION Manual 52741 Installation Carefully read understand and follow instructions identified by these 10 500003 00B COMPLETE unitedfiresystems 2021 03 OPERATION AND MAINTENANCE MANUAL — 1 6 HP Compressor 3 13 Installing Configuring a Keltron Printer |||

with Notifier NFS2-640 Releasing Control Panel INSTALLATION, OPERATION, AND MAINTENANCE MANUAL Seria ... .49 4.7.4: Connecting a Releasing Device to the **FCM-1** Module.....

lang:en score:30 filesize: 10.1 M page_count: 352 document date: 2021-01-28

[NOTIFIER N16e/x Fire Alarm Control Panel: Features, Specifications, and Components]

Detailed overview of the NOTIFIER INSPIRE Series N16e/x Fire Alarm Control Panels, including features, system capacity, electrical and physical specifications, compatible devices, networking options, and agency approvals.

lang:en score:30 filesize: 4.93 M page_count: 6 document date: 2022-02-15

[pdf] Instructions Specifications Datasheet

untitled Click here to Notifier NFS2 3030 Data Sheet Fire Alarm Resources Free fire alarm manuals documents installation instructions and technical specifications tmstv 1676769100 firealarmresources 23045 |||

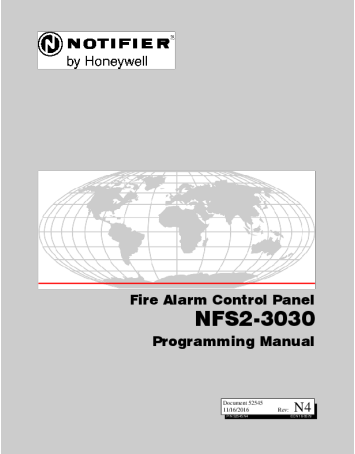
NFS2-3030 Intelligent Addressable Fire Alarm Control Panel General The NFS2-3030 is an intelligent ... elephone console. Reports status to panel. Wiring to jacks and handsets is supervised. See DN-6989. **FCM-1** A : FlashScan control module. See DN-6724. **FCM-1**-REL A : FlashScan releasing control module. S...

lang:en score:30 filesize: 990.52 K page_count: 8 document date: 2022-02-15

Notifier NFS-320 Intelligent Addressable Fire Alarm System Datasheet

Comprehensive datasheet for the Notifier NFS-320 Intelligent Addressable Fire Alarm System, detailing its features, intelligent sensing capabilities, FlashScan protocol, system specifications, compatible devices, and agency approvals.

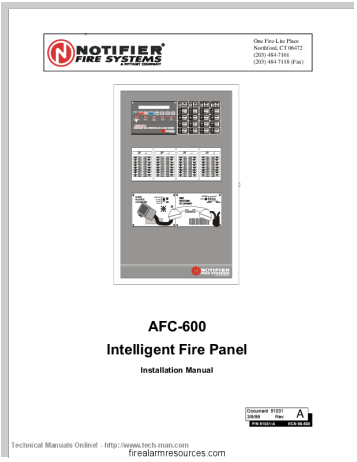
lang:en score:30 filesize: 1007.92 K page_count: 6 document date: 2022-02-19



Notifier NFS2-3030 Programming Manual

Comprehensive programming manual for the NOTIFIER NFS2-3030 Fire Alarm Control Panel (FACP), detailing system configuration, device setup, and operational parameters for fire safety applications.

lang:en score:30 filesize: 1.72 M page_count: 186 document date: 2025-08-18



[pdf] User Manual Instructions Specifications

NOTAFC 600 INSTENGLA0 fm Click here to Notifier AFC Intelligent Fire Panel Installation Alarm Resources Free fire alarm manuals documents installation instructions and technical specifications tmstv 1676668943 firealarmresources 22853 |||

7 3 2 : 5 ,5 / 5 0 35 / 50 : 5 1 , 1 * 6 8 5 ,7 / 5 0 6 8 36 , *519 , 6/ ... on Appliance Circuit NAC or Control Circuit ..... 94 SLC Wiring with CMX or **FCM-1** Modules..... 96 SLC Wiring with an I...

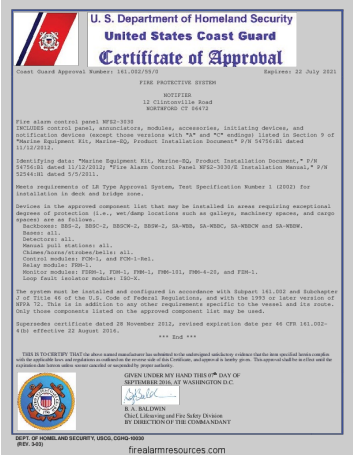
lang:en score:30 filesize: 8.06 M page_count: 238 document date: 2022-02-17

[pdf] Instructions Specifications

DN 60637 L fm E451217 Click here to Notifier NFS 320SYS E Intelligent Addressable Fire Alarm System Resources Free fire alarm manuals documents installation instructions and technical specifications tmstv 1676770511 firealarmresources 24427 |||

NFS-320SYS E Intelligent Addressable Fire Alarm System DN-60637:L General The NFS-320SYS intellig ... Photo FSI-851 Ion FST-851 Thermal FSA-8000 ...etc. FWSG NBG-12LX XP6/10 I/O Modules FMM-1 IDC **FCM-1** NAC FRM-1 Relay Contact EIA-485 2048 annunciator/control points KDM-R2 display OR Sample S...

lang:en score:30 filesize: 845.64 K page_count: 6 document date: 2022-02-19

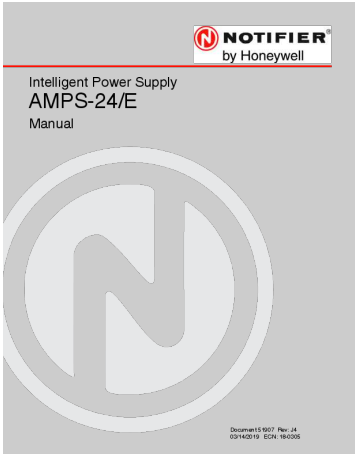


[pdf] User Manual Instructions Specifications Accessories

Microsoft Word COA 161002 55 0 2016 09 07 docx BABaldwin Click here to Notifier NFS2 3030 USCG Certificate Fire Alarm Resources Free fire alarm manuals documents installation instructions and technical specifications tmstv 1676770285 firealarmresources 23561 |||

Coast Guard Approval Number: 161.002/55/0 FIRE PROTECTIVE SYSTEM Expires: 22 July 2021 NOTIFIER 12 ... : all. Detectors: all. Manual pull stations: all. Chimes/horns/strobes/bells: all. Control modules: **FCM-1**, and **FCM-1**-Rel. Relay module: FRM-1. Monitor modules: FDRM-1, FDM-1, FMM-1, FMM-101, FMM-4-20,...

lang:en score:29 filesize: 630.03 K page_count: 2 document date: 2022-02-19



NOTIFIER AMPS-24/E Intelligent Power Supply Manual

This manual provides comprehensive guidance for the NOTIFIER AMPS-24/E Intelligent Power Supply and Battery Charger. It details installation, configuration, specifications, wiring, programming, and power supply calculations for fire alarm and life safety systems, ensuring compliance with standards like NFPA 72 and UL 864.

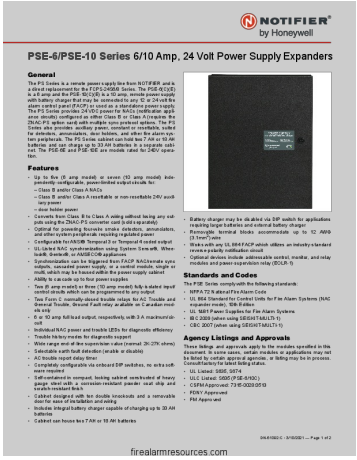
lang:en score:29 filesize: 1.58 M page_count: 44 document date: 2025-08-18

[pdf] Instructions Specifications

DN 7111 M fm e451217 Click here to Notifier NFS2 640 E Intelligent Addressable Fire Alarm System Resources Free fire alarm manuals documents installation instructions and technical specifications tmstv 1676768631 firealarmresources 22821 |||

NFS2-640 E Intelligent Addressable Fire Alarm System DN-7111:M A-13 General The NFS2-640 intelli ... 751 FlashScan VIEW FSP-851 Photo FSI-851 Ion FST-851 Thermal FSA-8000 ...etc. NBG-12LX FMM-1 IDC **FCM-1** NAC FRM-1 Relay Contact SLC Intelligent Loop 2 FWSG XP6/10 I/O Modules KDM-R2 display OR E...

lang:en score:29 filesize: 1007.33 K page_count: 8 document date: 2022-02-19

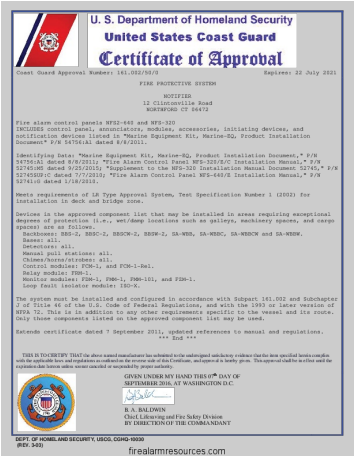


[pdf] Instructions Specifications Datasheet

untitled Click here to Notifier PSE 6 10 Series Amp 24 Volt Power Supply Expanders Data Sheet Fire Alarm Resources Free fire alarm manuals documents installation instructions and technical specifications tmstv 1676595551 firealarmresources 23541 |||

PSE-6/PSE-10 Series 6/10 Amp, 24 Volt Power Supply Expanders General The PS Series is a remote powe ... arger power supply in a lockable, metal enclosure ZNAC-PS: Optional Class A output converter module **FCM-1**: Addressable Control Module for one Class B or Class A zone of supervised, polarized Notificat...

lang:en score:29 filesize: 740.98 K page_count: 2 document date: 2022-02-15



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Microsoft Word COA 161002 50 0 2016 09 07 docx BABaldwin Click here to Notifier NFS 320 NFS2 640 USCG Certificate Fire Alarm Resources Free fire alarm manuals documents installation instructions and technical specifications tmstv 1676770153 firealarmresources 24017 |||

Coast Guard Approval Number: 161.002/50/0 FIRE PROTECTIVE SYSTEM Expires: 22 July 2021 NOTIFIER 12 ... Bases: all. Detectors: all. Manual pull stations: all. Chimes/horns/strobes: all. Control modules: **FCM-1**, and **FCM-1**-Rel. Relay module: FRM-1. Monitor modules: FDM-1, FMM-1, FMM-101, and FZM-1. Loop f...

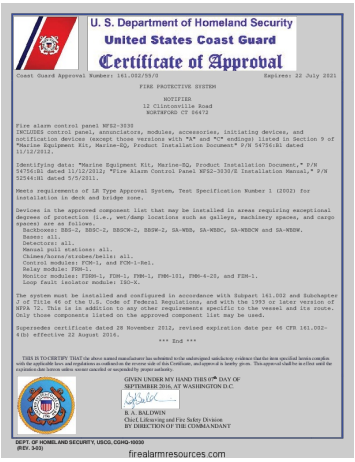
lang:en score:29 filesize: 629.5 K page_count: 2 document date: 2022-02-19

[pdf] Instructions Specifications

DN 7070 P fm E451217 Click here to Notifier NFS2 3030 Intelligent Addressable Fire Alarm System Resources Free fire alarm manuals documents installation instructions and technical specifications tmstv 1676770338 firealarmresources 23095 |||

NFS2-3030 Intelligent Addressable Fire Alarm System DN-7070:P A-10 General The NFS2-3030 is an in ... ure monitor module. See DN6720. FMM-4-20: FlashScan 4-20 mA protocol monitor module. See DN-60411. **FCM-1** A : FlashScan control module. See DN-6724. **FCM-1**-REL A : FlashScan releasing control module. S...

lang:en score:29 filesize: 908.84 K page_count: 8 document date: 2022-02-19



[pdf] User Manual Instructions Specifications Accessories

Microsoft Word COA 161002 55 0 2016 09 07 docx BABaldwin Click here to Notifier US Coast Guard Certificate of Approval NFS2 3030 Fire Alarm Resources Free fire alarm manuals documents installation instructions and technical specifications tmstv 1676768910 firealarmresources 23233 |||

Coast Guard Approval Number: 161.002/55/0 FIRE PROTECTIVE SYSTEM Expires: 22 July 2021 NOTIFIER 12 ... : all. Detectors: all. Manual pull stations: all. Chimes/horns/strobes/bells: all. Control modules: **FCM-1**, and **FCM-1**-Rel. Relay module: FRM-1. Monitor modules: FDRM-1, FDM-1, FMM-1, FMM-101, FMM-4-20,...

lang:en score:29 filesize: 630.03 K page_count: 2 document date: 2022-02-17

DN-60390:B • H-235

FCM-1-REL(A)
Releasing Control Module

NOTIFIER® by Honeywell

Intelligent/Addressable Devices

General

The FCM-1-REL Releasing Control Module is specifically designed for fire suppression releasing applications in FlashScan® systems. Power to the release agent solenoid(s) runs through the module for full-time monitoring and supervision.

The FCM-1-REL Releasing Control Module uses a redundant protocol; the module must be armed with a pair of signals in order to activate. It will then enter a 3-second window awaiting a pair of confirmation signals. If no confirmation is received, the module will automatically reset. It also supervises the wiring to the connected load and reports the status to the panel as NORMAL, OPEN, or SHORT CIRCUIT. The module has two pairs of output termination points available for fault-tolerant wiring and a panel-controlled LED indicator. The module may be connected to either one 24VDC solenoid or up to two 12VDC solenoids (in series). To ensure proper operation, this module shall be connected to a compatible Notifier system control panel only (list available from Notifier). In addition, please refer to Notifier *Device Compatibility Document* PN 15378 for the list of compatible solenoids.

NOTE: FCM-1-REL is required for all new FlashScan-mode releasing applications with NFS2-3030 (version 14.0 or higher), NFS2-640 (version 12.0 or higher) and NFS-320(E)(C) (version 12.0 or higher) panels. Use FCM-1 for releasing applications on NFS-640, NFS-3030, and all CLIP mode panels.

FCM-1-REL

Features

- Redundant protocol for added protection
- Configurable for Class A or Class B operation
- External supply voltage monitoring
- Can power one 24V or two 12V solenoids
- SEMS screws for easing wiring
- Panel controlled status LED
- Analog communications
- Rotary address switches
- Low standby current
- Mounts in standard 4" (10.16 cm) junction box
- FlashScan operation

Specifications

GENERAL SPECIFICATIONS

- **Operating Voltage:** 15 to 32 VDC
- **Communication Line Loop Impedance:** 40 Ohm max.
- **Temperature Range:** 14°F to 140°F (-10° to 60°C)
- **Relative Humidity:** 10% to 95% noncondensing
- **Shipping Weight:** 5.5 oz (156 g)
- **Dimensions:** 4.275" W x 4.675" H x 1.400" D (10.86 cm W x 11.87 cm H x 3.56 cm D)

SLC

- **Average Operating Current:** 700 µA max @ 24 VDC (one communication every 5 sec. with LED enabled)
- **Maximum Activation Current:** 9.0 mA (LED on)

EXTERNAL SUPPLY

- **Normal Operating Voltage:** 24 VDC Nominal
- **Maximum Line Loss:** 2.3 VDC (total allowable loss from power supply to module and from module to solenoid)
- **Minimum Operating Voltage to Activate Solenoid:** 18 VDC (at solenoid)
- **Standby Current:** 6.4 mA
- **Activation Current:** 10 mA

SOLENOID

- **Supervisory Loop Voltage:** 3.3 V
- **Supervisory Loop Current (Normal):** 30 mA
- **Maximum Activation Current:** 2 A

Product Line Information

NOTE: "A" suffix indicates ULC Listed model.

FCM-1-REL(A): Releasing Control Module.

SMB500: Optional Surface-Mount Backbox.

CB500: Control Module Barrier — required by UL for separating power-limited and non-power limited wiring in the same junction box as **FCM-1-REL**.

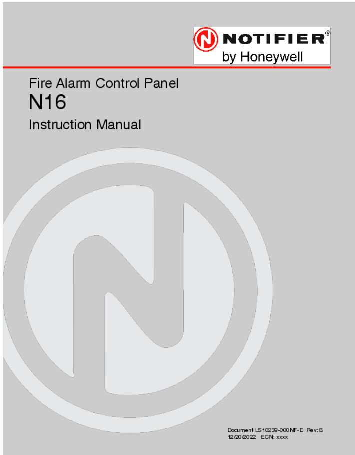
DN-60390:B • 05/20/2009 — Page 1 of 2

[pdf] Specifications Datasheet Documentation Diagram

untitled Notifier FCM 1 REL fire alarm control panel datasheet with technical specifications 2009 edition notifier facp fcm rel product electrical wiring diagram data detection safety smoke detector suppression emergency systems building automation life documentation infor Manuals 88 Free Downloads FACP Manualsv1docs facpmanuals manuals |||

FCM-1-REL A Releasing Control Module DN-60390:B H-235 General The **FCM-1**-REL Releasing Control Module is specifically designed for fire suppression releasing applications in FlashScan systems. Power to the release agent solenoid s runs through the module for full-time monitoring and supervision....

lang:en score:28 filesize: 77.25 K page_count: 2 document date: 2015-09-02



NOTIFIER® by Honeywell

Fire Alarm Control Panel
N16
Instruction Manual

Document LS10239-000NF-E Rev: B
12/20/2022 ECN: xxxx

[pdf] User Manual Datasheet Documentation Guide

N16 book Notifier fire alarm control panel manual covering installation operations programming 2022 edition notifier facp n16 n16e and n16x detection safety smoke detector suppression emergency systems building automation life documentation user guide pro Secutron Modul R MR 2400 Datasheet FACP Manualsv1docs facpmanuals manuals |||

Fire Alarm Control Panel N16 Instruction Manual Document LS10239-000NF-E Rev: B 12/20/2022 ECN: xxxx ... ging Unit EOL-CR/CB Assortment ELR Pack with Mounting Plate EOLR-1 End of Line Resistor Assembly **FCM-1** NAC Module HS-NCM-WMF/-2 High-Speed Network Communications Module Wire to Multi-Mode Fiber ...

lang:en score:28 filesize: 2.87 M page_count: 130 document date: 2025-02-18

DN-6724:B3

FCM-1(A) & FRM-1(A) Series
Control and Relay Modules

NOTIFIER® by Honeywell

Intelligent / Addressable Devices

General

FCM-1(A) Control Module: The FCM-1(A) Addressable Control Module provides Notifier intelligent fire alarm control panels a circuit for Notification Appliances (horns, strobes, speakers, etc.). Addressability allows the FCM-1(A) to be activated, either manually or through panel programming, on a select (zone or area of coverage) basis.

FRM-1(A) Relay Module: The FRM-1(A) Addressable Relay Module provides the system with a dry-contact output for activating a variety of auxiliary devices, such as fans, dampers, control equipment, etc. Addressability allows the dry contact to be activated, either manually or through panel programming, on a select basis.

FlashScan® (U.S. Patent 5,539,389) is a communication protocol developed by NOTIFIER Engineering that greatly enhances the speed of communication between analog intelligent devices. Intelligent devices communicate in a grouped fashion. If one of the devices within the group has new information, the panel CPU stops the group poll and concentrates on single points. The net effect is response speed greater than five times that of other designs.

FCM-1(A)

Features

- Built-in type identification automatically identifies these devices to the control panel.
- Internal circuitry and relay powered directly by two-wire SLC loop. The FCM-1(A) module requires power (for horns, strobes, etc.), or audio (for speakers).
- Integral LED "blinks" green each time a communication is received from the control panel and turns on in steady red when activated.
- LED blink may be deselected globally (affects all devices).
- High noise immunity (EMF/RFI).
- The FCM-1(A) may be used to switch 24-volt NAC power, audio (up to 70.7 Vrms).
- Wide viewing angle of LED.
- SEMS screws with clamping plates for wiring ease.
- Direct-dial entry of address 01 – 159 for FlashScan loops, 01 – 99 for CLIP mode loops.
- Speaker, and audible/visual applications may be wired for Class B or A (Style Y or Z).
- The FCM-1(A) is configured for a single Class B (Style Y) or Class A (Style Z) Notification Appliance Circuit.
- The FRM-1(A) provides two Form-C dry contacts that switch together.

Applications

The FCM-1(A) is used to switch 24 VDC audible/visual power, high-level audio (speakers). The FRM-1(A) may be programmed to operate dry contacts for applications such as door holders or Air Handling Unit shutdown, and to reset four-wire smoke detector power.

NOTE: Refer to the SLC Manual (PN 51253) for details regarding releasing applications with the FCM-1(A). Refer to the FCM-1-REL datasheet (DN-60390) for new FlashScan® releasing applications.

Construction

- The face plate is made of off-white heat-resistant plastic.
- Controls include two rotary switches for direct-dial entry of address (01-159).

Operation

Each FCM-1(A) or FRM-1(A) uses one of 159 possible module addresses on a SLC loop (99 on CLIP loops). It responds to regular polls from the control panel and reports its type and status, including the open/normal/short status of its Notification Appliance Circuit (NAC). The LED blinks with each poll received. On command, it activates its internal relay. The FCM-1(A) supervises Class B (Style Y) or Class A (Style Z) notification or control circuits.

Upon code command from the panel, the FCM-1(A) will disconnect the supervision and connect the external power supply in the proper polarity across the load device. The disconnection of the supervision provides a positive indication to the panel that the control relay actually turned ON. The external power supply is always relay isolated from the communication loop so that a trouble condition on the external power supply will never interfere with the rest of the system.

Rotary switches set a unique address for each module. The address may be set before or after mounting. The built-in TYPE CODE (not settable) will identify the module to the control panel, so as to differentiate between a module and a sensor address.

Specifications for FCM-1(A)

Normal operating voltage: 15 to 32 VDC.

Maximum current draw: 6.5 mA (LED on).

Average operating current: 350 µA direct poll, 375 µA group poll with LED flashing, 485 µA Max. (LED flashing, NAC shorted.)

DN-6724:B3 • 2/17/2011 — Page 1 of 2

[pdf] Specifications Datasheet Diagram

untitled Notifier FCM 1 FRM Series fire alarm control panel datasheet with technical specifications 2011 edition notifier facp fcm and frm product electrical wiring diagram data detection safety smoke detector suppression emergency systems building automation life docum Manuals 88 Free Downloads FACP Manualsv1docs facpmanuals manuals series |||

FCM-1 A FRM-1 A Series Control and Relay Modules General **FCM-1** A Control Module: The **FCM-1** A Addressable Control Module provides Notifier intelligent fire alarm control panels a circuit for Notification Appliances horns, strobes, speakers, etc. . Addressability allows the **FCM-1** A to be activ...

lang:en score:28 filesize: 102.08 K page_count: 2 document date: 2021-05-04