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Simplex 4090-9001

Simplex 4090-9001 IAM Supervised IDNet Module Instruction Manual

Model: 4090-9001 | Brand: Simplex

1. Introduction

This manual provides essential information for the proper installation, operation, and maintenance of the Simplex 4090-9001 IAM Supervised IDNet Module. Please read this manual thoroughly before attempting to install or operate the device. Retain this manual for future reference.

2. Safety Information

WARNING: Installation and servicing of this device must be performed by qualified personnel only. Failure to follow these instructions could result in property damage, serious injury, or death. Always disconnect power before servicing.

- Adhere to all local and national electrical codes and regulations.
- Ensure proper grounding and wiring connections.
- Do not operate the device if it appears damaged.
- Keep away from moisture and extreme temperatures.

3. Product Overview

The Simplex 4090-9001 is an Individual Addressable Module (IAM) designed for use within a supervised IDNet system. It is housed in a durable thermoplastic casing, providing protection for its internal components. This module facilitates communication and supervision of connected devices within a fire alarm or security system.

Figure 3.1: Line drawing of the Simplex 4090-9001 IAM Supervised IDNet Module. This image shows the front view of the module with its label, indicating the model number and "SUPERVISED IAM" text.

Figure 3.2: The Simplex 4090-9001 module shown within its clear plastic packaging. The packaging includes a label with "PID: 4090-9001", "DESCRIPTION: IAM SUPERVISED IDNET", and "PART NUMBER: 0617952". Small resistors are also visible in the package.

4. Setup and Installation

The Simplex 4090-9001 module is designed for screw mount installation. Detailed installation instructions are provided in the separate document "INST. INSTR. 574-331", which typically accompanies the product. Always refer to this document for specific wiring diagrams and mounting procedures.

4.1. Pre-Installation Checks

- Verify that the module is the correct model (4090-9001) for your system.
- Inspect the module for any signs of physical damage.
- Ensure all necessary tools and additional components (e.g., screws, wiring) are available.

4.2. Mounting

The module features a screw mount design. Select a suitable, secure location for mounting, ensuring it is free from excessive vibration, moisture, and extreme temperatures. Use appropriate fasteners for the mounting surface.

4.3. Wiring

The module utilizes screw-type connectors for wiring. Refer to the "INST. INSTR. 574-331" document for detailed wiring diagrams specific to your system configuration. Ensure all connections are secure and comply with applicable electrical codes. The module operates at 40 Volts.

5. Operation

Once properly installed and connected to a compatible Simplex IDNet control panel, the 4090-9001 module functions as an interface for supervising and monitoring various devices. It communicates the status of these devices back to the control panel, allowing for centralized monitoring and response in a fire safety or security system. The module's operation is largely automatic once configured within the IDNet system.

6. Maintenance

Regular maintenance is crucial to ensure the continued reliable operation of the Simplex 4090-9001 module and the overall fire safety system. It is recommended that a qualified technician perform periodic inspections and tests.

- **Visual Inspection:** Periodically check the module and its wiring for any signs of damage, corrosion, or loose connections.
- **System Testing:** Follow the testing procedures outlined in your fire alarm system's documentation to ensure the module is communicating correctly with the control panel.
- **Cleaning:** If necessary, gently clean the exterior of the thermoplastic housing with a dry, soft cloth. Do not use abrasive cleaners or solvents.

7. Troubleshooting

If the Simplex 4090-9001 module is not functioning as expected, consider the following basic troubleshooting steps. For complex issues, contact qualified service personnel.

- **No Communication:**
  - Verify all wiring connections are secure and correct according to "INST. INSTR. 574-331".
  - Check power supply to the IDNet system.
  - Ensure the module's address is correctly configured in the control panel.
- **Fault Indication:**

    - Consult your IDNet control panel's manual for specific fault codes and their meanings.
    - Inspect the connected device(s) for faults.
- **Physical Damage:** If the module shows signs of physical damage, it should be replaced by a qualified technician.

8. Specifications

Feature	Detail
Model Number	4090-9001
Brand	Simplex
Description	IAM Supervised IDNet Module
Housing Material	Thermoplastic (Plastic)
Color	BLACK
Product Dimensions	8 x 8 x 4 inches
Item Weight	0.01 ounces
Voltage	40 Volts
Connector Type	Screw
Mounting Type	Screw Mount
UPC	683194549410

9. Warranty and Support

Specific warranty information for the Simplex 4090-9001 module is typically provided at the point of purchase or can be obtained directly from Simplex or an authorized distributor. For technical support, service, or warranty claims, please contact your Simplex supplier or an authorized service center. Always provide the model number (4090-9001) and any relevant serial numbers when seeking support.
For further assistance, you may visit the official Simplex website or consult the documentation provided with your complete fire alarm system.

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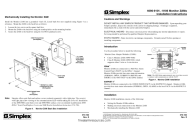
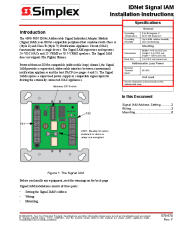
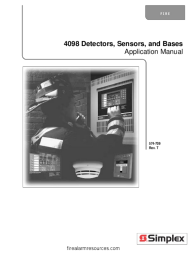
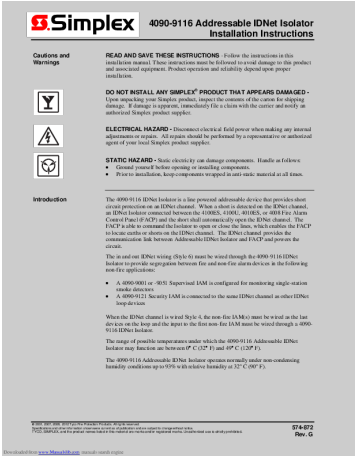
Related Documents - 4090-9001

	[Módulo Endereçável Individual Simplex 4090-9007 IDNet para Sinalização de Alarme de Incêndio](#) Este documento técnico detalha o Módulo Endereçável Individual (IAM) Simplex 4090-9007 IDNet, projetado para fornecer sinalização adicional em painéis de controle de alarme de incêndio Simplex séries 4007ES, 4008, 4010ES, 4100ES e 4100U. Inclui características, recursos de supervisão, detalhes de operação, especificações elétricas e mecânicas, requisitos de fiação e informações de montagem para otimização de sistemas de alarme de incêndio.
	[Módulo Direccionable Individual Simplex 4090-9007 IAM de Señal para Paneles de Alarma de Incendios](#) Descubra el Módulo Direccionable Individual (IAM) de Señal Simplex 4090-9007, un periférico IDNet para paneles de control de alarma de incendios 4007ES, 4008, 4010ES, 4100ES y 4100U. Proporciona señalización selectiva, supervisión de NAC, control de audio y cumple con UL, ULC, CSFM y FM.
	[Simplex 4090-9007 IDNet Signal IAM: Addressable Module for Fire Alarm Systems](#) Detailed technical specifications and features for the Simplex 4090-9007 IDNet Signal Individual Addressable Module (IAM), designed for enhanced selective signaling and audio control in Simplex 4100ES, 4010ES, 4100U, and 4008 Series fire alarm control panels. Includes wiring, operation, and mounting information.
	[Simplex 4090-9101, 4090-9106 Monitor ZAM Installation Instructions](#) Installation instructions for Simplex 4090-9101 and 4090-9106 Monitor Zone Adapter Modules (ZAMs). Covers mechanical installation, address setting via DIP switches, and electrical connections for IDNet and MAPNET II systems.
	[Simplex IDNet Signal IAM Installation Instructions](#) Detailed installation instructions for the Simplex 4090-9007 IDNet Addressable Signal Individual Adapter Module (Signal IAM), covering address setting, wiring configurations for Class A and Class B Notification Appliance Circuits (NACs), and mounting procedures. This guide provides essential information for integrating the Signal IAM with fire alarm control panels and notification appliances.
	[Simplex 4098 Detectors, Sensors, and Bases Application Manual](#) This application manual provides comprehensive information on the proper use and installation of Simplex 4098 series detectors, sensors, and bases within fire alarm systems. It covers principles of operation, placement guidelines, compatibility, testing procedures, and troubleshooting for these critical fire safety components.

Documents - Simplex – 4090-9001



Simplex 4090-9116 Addressable IDNet Isolator Installation Instructions

Cautions and Warnings

READ AND SAVE THESE INSTRUCTIONS - Follow the instructions in this installation manual. These instructions must be followed to avoid damage to this product and associated equipment. Product operation and reliability depend upon proper installation.

DO NOT INSTALL ANY SIMPLEX® PRODUCT THAT APPEARS DAMAGED - Upon unpacking your Simplex product, inspect the contents of the carton for shipping damage. If damage is apparent, immediately file a claim with the carrier and notify an authorized Simplex product supplier.

ELECTRICAL HAZARD - Disconnect electrical field power when making any internal adjustments or repairs. All repairs should be performed by a representative or authorized agent of your local Simplex product supplier.

STATIC HAZARD - Static electricity can damage components. Handle as follows:
- Ground yourself before opening or installing components.
- Prior to installation, keep components wrapped in anti static material at all times.

Introduction

The 4090-9116 IDNet Isolator is a line powered addressable device that provides short circuit protection on an IDNet channel. When a short is detected on the IDNet channel, an IDNet Isolator connected between the 4100ES, 4100U, 4010ES, or 4008 Fire Alarm Control Panel (FACP) and the short shall automatically open the IDNet channel. The FACP is able to command the Isolator to open or close the lines, which enables the FACP to locate earths or shorts on the IDNet channel. The IDNet channel provides the communication link between Addressable IDNet Isolator and FACP and powers the circuit.

The in and out IDNet wiring (Style 6) must be wired through the 4090-9116 IDNet Isolator to provide segregation between fire and non-fire alarm devices in the following non-fire applications:

- A 4090-9001 or -9051 Supervised IAM is configured for monitoring single-station smoke detectors
- A 4090-9121 Security IAM is connected to the same IDNet channel as other IDNet loop devices

When the IDNet channel is wired Style 4, the non-fire IAM(s) must be wired as the last device on the loop and the input to the first non-fire IAM must be wired through a 4090-9116 IDNet Isolator.

The range of possible temperatures under which the 4090-9116 Addressable IDNet Isolator may function are between 0° C (32° F) and 49° C (120° F).

The 4090-9116 Addressable IDNet Isolator operates normally under non-condensing humidity conditions up to 93% with relative humidity at 32° C (90° F).

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Cautions and Warnings Introduction 4090-9116 Addressable IDNet Isolator Installation Instructions R ... vide segregation between fire and non-fire alarm devices in the following non-fire applications: A **4090-9001** or -9051 Supervised IAM is configured for monitoring single-station smoke detectors A 409...

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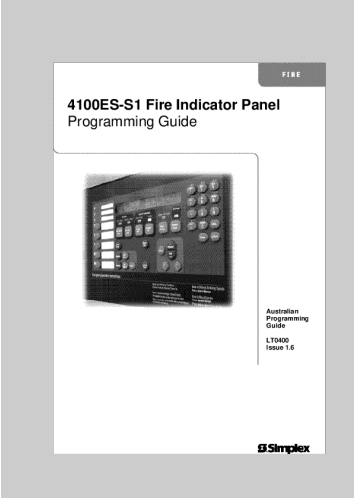

FIRE

4100ES-S1 Fire Indicator Panel
Programming Guide

Australian Programming Guide

LT0400 Issue 1.6

Simplex

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LT0400 4100ES S1 Programming Guide TFPP Christchurch tycosafetyproducts anz public Manuals lt0400 Simplex 4100es Manual |||

4100ES-S1 Fire Indicator Panel Programming Guide Australian Programming Guide LT0400 Issue 1.6 Do ... O HEAT DETECTOR COMBO 6-3 6.3 ADDRESSABLE DEVICE SETTINGS 6-3 6.3.1 4099-9032 MCP 6-3 6.3.2 **4090-9001**/4090-9051 SUPERVISED INPUT IAM 6-3 6.3.3 4090-9002 RELAY IAM 6-4 6.3.4 4090-9007 SIGNA...

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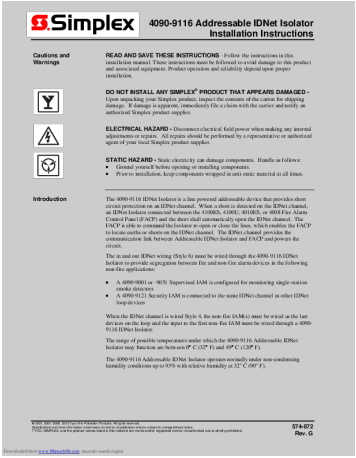

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Cautions and Warnings Introduction 4090-9116 Addressable IDNet Isolator Installation Instructions R ... vide segregation between fire and non-fire alarm devices in the following non-fire applications: A **4090-9001** or -9051 Supervised IAM is configured for monitoring single-station smoke detectors A 409...

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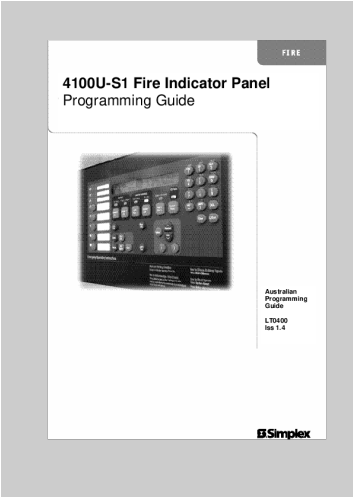

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4100U-S1 Fire Indicator Panel Programming Guide Australian Programming Guide LT0400 Iss 1.4 Docum ... O HEAT DETECTOR COMBO 6-3 6.3 ADDRESSABLE DEVICE SETTINGS 6-3 6.3.1 4099-9032 MCP 6-3 6.3.2 **4090-9001** SUPERVISED INPUT IAM AND 4090-9051 ENCAPSULATED INPUT IAM 6-4 6.3.3 4090-9002 RELAY IAM...

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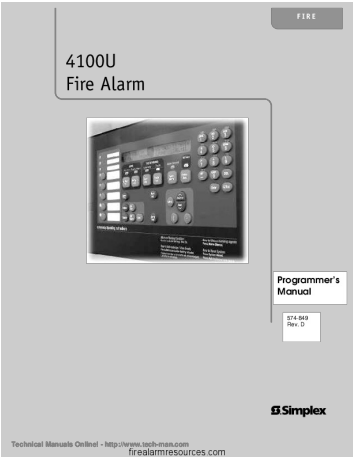

Simplex 4100U Programmer's Manual

This manual provides comprehensive instructions for programming the Simplex 4100U fire alarm system, covering hardware configuration, point programming, custom control, and system downloads.

lang:en score:30 filesize: 4.57 M page_count: 366 document date: 2022-03-09

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Simplex Fault Assistance Guide S Scudds J Taylor Page 4 of 60 1 4100 Series Overview The was released onto the Australian Market in 1990 first version supported 512 devices or tycosafetyproducts anz public Manuals 4100u Operation Manual ANZ Region addressable device While diagnostic detail display details are beyond this guide‟s intent a full range technical information is available on website simplexfire au Each consists CPU Card up to 119 expansion cards 5004 8 conventional monitor zones ZN |||

DIS FNG Simplex Fire Products Fault Assistance Guide 1.0 Identifying Simplex 4100 Series Faults ... nd of Line Resistors For a comprehensive pocket reference guide contact your local Simplex branch **4090-9001** 4090-9101 4090-9118 4090-9120AU 2190-9156 2190-9164 4100 EWIS 4100 8pt Monitor Card 4100 6...

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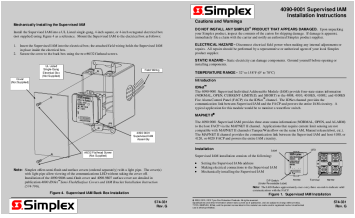

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Mechanically Installing the Supervised IAM Install the Supervised IAM into a UL Listed single-gang, ... isted Single-Gang Electrical Box Not Supplied Field Wiring #6/32 Flathead Screw Not Supplied **4090-9001** Supervised IAM Assembly Note: Simplex offers semi-flush and surface covers ordered separ...

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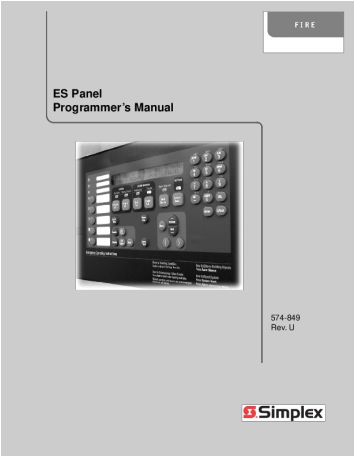

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ES Panel Programmer s Manual 574-849 Rev. U Copyrights and Trademarks Copyright 2003-2011 Simplex ... 4098-9788 4098-9789 4098-9791 4098-9792 4098-9794 4099-9001 4099-9002 4099-9003 4098-9795 4098-9796 **4090-9001** 4090-9116 4090-9117 4090-9121 4190-9050 51 2099-9135 2099-9761 2099-9795 2099-9796 2099-...

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Listado UL, ULC, CSFM; Aprobado para FM; Aceptado por MEA NYC * Perifricos Multiaplicacin Disposit ... o de la serie 4100/4100U/4100ES, 4120, 4020 y 2120 equipados con comunicaciones de MAPNET II Modelo **4090-9001**: El diseo cerrado minimiza la infiltracin de polvo Se monta en una caja elctrica nica es...

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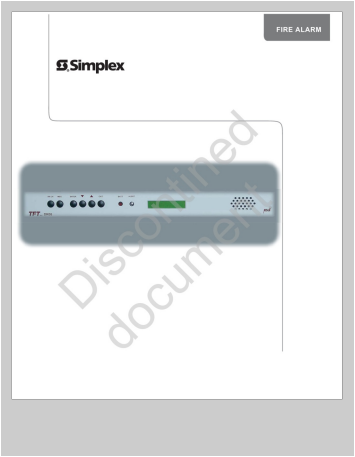
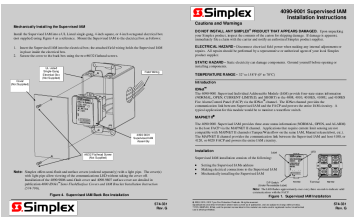


[Simplex 4907-9101 NEWS™ Receiver: Installation, Programming, and Operating Instructions]

This manual provides comprehensive installation, programming, and operating instructions for the Simplex 4907-9101 NEWS™ Receiver. This system is a public emergency warning receiver compatible with the 4100U Fire Alarm Control Panel, designed for alerting building complexes of emergency situations via EAS and SAME messages.

lang:en score:24 filesize: 3.71 M page_count: 94 document date: 2022-04-01



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Mechanically Installing the Supervised IAM Install the Supervised IAM into a UL Listed single-gang, ... isted Single-Gang Electrical Box Not Supplied Field Wiring #6/32 Flathead Screw Not Supplied **4090-9001** Supervised IAM Assembly Note: Simplex offers semi-flush and surface covers ordered separ...

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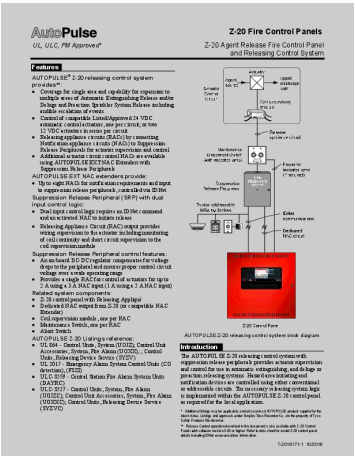

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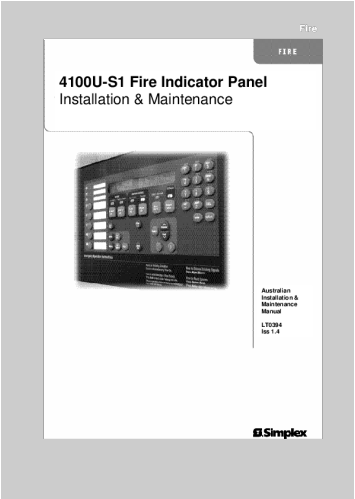
Microsoft Word T 2016171 doc Autopulse Z 20 fire alarm control panel manual covering quick start technical reference 2016 edition autopulse facp z detection safety smoke detector suppression emergency systems building automation life documentation user guide installation programming maintenance Quick Start Technical Reference Manual AUTOPULSE® releasing system provides** Coverage for single area and capability expansion to multiple areas of Automatic Extinguishing Release or Deluge Preaction Sprinkler System including audible escalation events docs facpmanuals manuals |||

Z-20 Fire Control Panels UL, ULC, FM Approved* Z-20 Agent Release Fire Control Panel and Releasing ... ailable when abort operation is required. When used, connect to an addressable Supervised IAM model **4090-9001** or similar addressable adapter module. The abort switch and the IAM mount in a single gang...

lang:en score:22 filesize: 2.25 M page_count: 12 document date: 2016-10-27



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LT0394 4100U S1 Installation Maintenance Manual tycosafetyproducts anz public Manuals lt0394 1 4 Simplex 4100u Pdf |||

Fire 4100U-S1 Fire Indicator Panel Installation Maintenance Australian IAInnussstattarlalalllitaai ... 0-9117 Addressable Power Isolator 4090-9119 Relay IAM with unsupervised Input 4090-9120 6 Point I/O **4090-9001** Supervised IAM 4090-9101 Monitor ZAM 4099-9032 Manual Call Point Operating Current mA 0.5...

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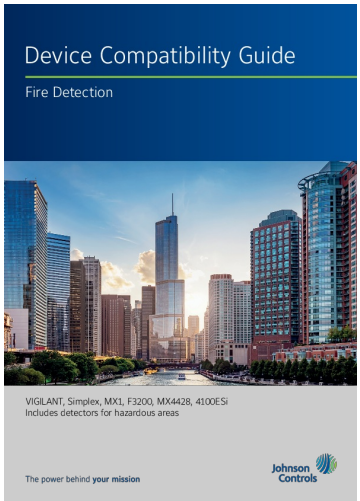

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Detector Compatibility Guide Iss2i 18Jul17 Johnson Controls Fire Detection ANZ Region Device Oct 21 2022 — Operator s 43 Contents Ionisation Smoke 26 Kidde Firewire Linear Heat 5000m Protectowire FD2210002 Vigilant Simplex 1 0 Digital tycosafetyproducts anz public Brochures |||

Device Compatibility Guide Fire Detection VIGILANT, Simplex, MX1, F3200, MX4428, 4100ESi Includes de ... des/additions to existing systems. Detector type 4090-9116 4090-9118 4090-9117 4090-9119 4090-9120 **4090-9001** 4090-9002 4090-9007 4190-9050 4090-9051 4090-9101 4099-9032 4098-9701 Description IDNet C...

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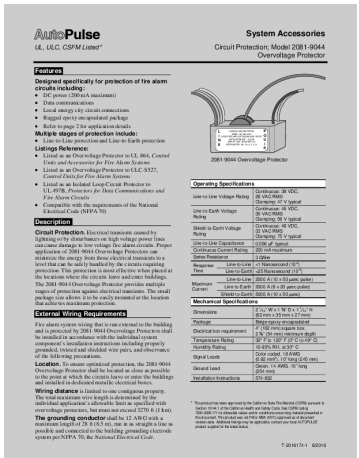

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UL, ULC, CSFM Listed* Features Designed specifically for protection of fire alarm circuits including ... ts Circuit Type IDNet Communications Monitor ZAM IDC; 4090-9101 and 4090-9106 Supervised IAM Zone; **4090-9001** and 4090-9051 RUI/RUI Communications Fire Alarm Network, Wired Communications IDNAC and T...

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ULULCCSFM FM MEA NYC * IDNet MAPNET II IAMs MAPNET II IDNetTM ** , B IAM 500 ft 152 m Simplex 2081-9044 158 F70 C Simplex IDNet 4007ES40084010 4010ES 4100ES MAPNET II 4100/4100U/4100ES 41204020 2120 CDT **4090-9001** LED , 4090-9051 LED 18 AW...

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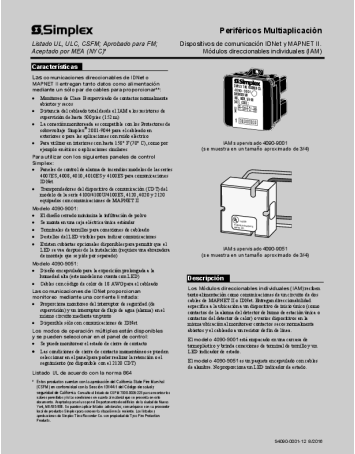

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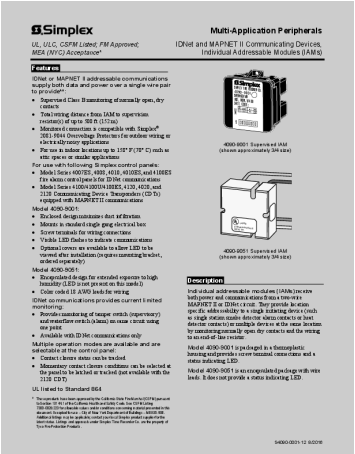

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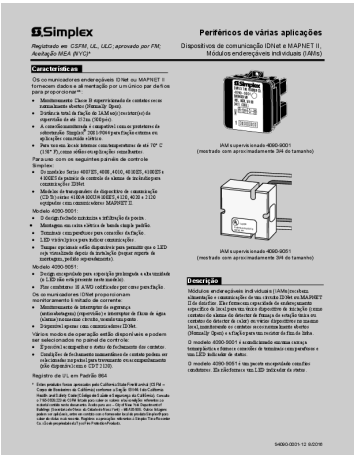

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Registrado em CSFM, UL, ULC; aprovado por FM; Aceitao MEA NYC * Caractersticas Os comunicadores end ... cao CDTs sries 4100/4100U/4100ES, 4120, 4020 e 2120 equipados com comunicadores MAPNET II. Modelo **4090-9001**: O design fechado minimiza a infiltrao de poeira. Montagem em caixa eltrica de banda sim...

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Simplex

Périphériques à applications multiples

Homologation UL, ULC, CSFM; Approbation FM, acceptation MEA (New York)*

Dispositifs de communication IDNet** et MAPNET II**, Modules individuels adressables (MIA)

Caractéristiques

Les communications adressables IDNet ou MAPNET II fournissent les données et le courant à travers une paire de câbles pour avoir une** :

- supervision des contacts secs normalement ouverts sur des circuits de surveillance de classe B;
- distance totale des câbles de 6 000 pieds (1 828 m) à une résistance de fils de ligne de jusqu'à 500 pi (152 m);
- connexion serrvéille compatible avec les pannetonsions Simplex®, 2081-9044 pour applications existantes en boyeuses.

Pour utilisation avec les panneaux de contrôle de Simplex suivants :

- modèles des séries 4008, 4010, et les panneaux de contrôle 4100U à communication IDNet;
- modèles des séries 4100/4100U, 4120, 4020, et les transpondeurs 2120 équipés de communications MAPNET II.

Modèle 4090-9001 :

- Conception étanche réduit l'infiltration de la poussière
- Montage sur boîtier électrique simple standard
- Bornes à vis pour connexion des câbles
- Voyant à DEL visible clignote pour indiquer que le module est en communication
- Convoyées facultatifs disponibles pour permettre de voir la DEL après l'installation (nécessite un support de montage, à commander séparément)

Modèle 4090-9051 :

- Modèle encapsulé pour résister à l'humidité (pas de voyant à DEL sur ce module)
- Câbles de calibre 18 A WG à code couleur

Communications IDNet fournissent une surveillance à courant limité :

- Fournit la surveillance des interrupteurs antivandalisme (supervision) et de défaut d'une (alarme) d'un même circuit utilisant un poinçonneur
- Disponible avec communications IDNet seulement

Modes de fonctionnement multiples disponibles et sélectifs à partir du panneau de contrôle :

- L'état du contact de fermeture peut être suivi.
- Les relais normalement de fermeture peuvent être sélectionnés au panneau pour être verrouillés ou suivis (non disponible avec le transpondeur 2120).

Homologation UL conformément à la norme 864

M-A supervisé 4090-9001 (montré à 3/4 de sa taille réelle)

M-A supervisé 4090-9051 (montré à 3/4 de sa taille réelle)

Description

Les modules individuels adressables (MIA) reçoivent leur alimentation et leurs communications à partir d'un circuit MAPNET II ou IDNet à deux fils. Ils fournissent l'adressage d'un endroit spécifique d'un seul dispositif de détectionlement tcomme les contacts d'un interrupteur de tirage de clochetteé ou de plusieurs dispositifs situés dans un seul endroit ou surveillent les contacts secs normalement ouverts et le câblage de la résistance de fin de ligne.

Le modèle 4090-9001 vient dans un boîtier en thermoplastique, a des bornes à vis et un voyant à DEL d'indication d'état.

Le modèle 4090-9051 est encapsulé avec les câbles. Il n'a pas de voyant à DEL d'indication d'état.

* Les produits ont été approuvés par le CSFM (California State Fire Marshal) et sont dans la liste de Factory Mutual Research (FM) et de Underwriters Laboratories (UL) selon les normes UL 864 et UL 521 et ont reçu l'approbation de la New York City Materials and Equipment Acceptance (MEA) pour les systèmes d'alarme incendie. Les dispositifs de détection possédant, pour utilisation sur les villes de New York, un numéro d'approbation MEA ont été approuvés par le Bureau de la Protection Contre l'Incendie de la Ville de New York. Communiquer avec votre bureau local Simplex ou consulter New York pour plus de renseignements et les spécifications sur la Ville de Temps Simplex homologués (les appellations à Tyco Safety Products Westminster).

** Les communications adressables IDNet et MAPNET II sont protégées par les brevets américains n° 4,796,018, 5,166,652 et 5,304,901.

S4090-0001-8FR 2/2006

[pdf] Decleration of Conformity

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Priphriques applications multiples Homologation UL, ULC, CSFM; Dispositifs de communication IDNet ... es sries 4100/4100U, 4120, 4020, et les transpondeurs 2120 quips de communications MAPNET II. Modle **4090-9001** : Conception tanche rduit l infiltration de la poussire Montage sur botier lectrique sim...

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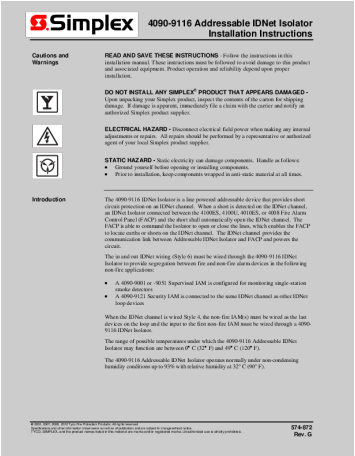

Simplex 4090-9116 Addressable IDNet Isolator Installation Instructions

Cautions and Warnings

READ AND SAVE THESE INSTRUCTIONS - Follow the instructions in this installation manual. These instructions must be followed to avoid damage to this product and associated equipment. Product operation and reliability depend upon proper installation.

DO NOT INSTALL ANY SIMPLEX® PRODUCT THAT APPEARS DAMAGED - Upon unpacking your Simplex product, inspect the contents of the carton for shipping damage. If damage is apparent, immediately file a claim with the carrier and notify an authorized Simplex product supplier.

ELECTRICAL HAZARD - Disconnect electrical field power when making any internal adjustments or repairs. All repairs should be performed by a representative or authorized agent of your local Simplex product supplier.

STATIC HAZARD - Static electricity can damage components. Handle as follows:

- Ground yourself before opening or installing components.
- Prior to installation, keep components wrapped in anti-static material at all times.

Introduction

The 4090-9116 IDNet Isolator is a line powered addressable device that provides short circuit protection on an IDNet channel. When a short is detected on the IDNet channel, an IDNet Isolator connected between the 4100ES, 4100U, 4010ES, or 4008 Fire Alarm Control Panel (FACP) and the short shall automatically open the IDNet channel. The FACP is able to command the Isolator to open or close the lines, which enables the FACP to locate earths or shorts on the IDNet channel. The IDNet channel provides the communication link between Addressable IDNet Isolator and FACP and powers the circuit.

The in and out IDNet wiring (Style 6) must be wired through the 4090-9116 IDNet Isolator to provide segregation between fire and non-fire alarm devices in the following non-fire applications:

- A 4090-9001 or -9051 Supervised IAM is configured for monitoring single-station smoke detectors
- A 4090-9121 Security IAM is connected to the same IDNet channel as other IDNet loop devices

When the IDNet channel is wired Style 4, the non-fire IAM(s) must be wired as the last device on the loop and the input to the first non-fire IAM must be wired through a 4090-9116 IDNet Isolator.

The range of possible temperatures under which the 4090-9116 Addressable IDNet Isolator may function are between (0° C (32° F) and 49° C (120° F).

The 4090-9116 Addressable IDNet Isolator operates normally under non-condensing humidity conditions up to 93% with relative humidity at 32° C (90° F).

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[pdf] Installation Guide Instructions Datasheet Decleration of Conformity

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Cautions and Warnings Introduction 4090-9116 Addressable IDNet Isolator Installation Instructions R ... vide segregation between fire and non-fire alarm devices in the following non-fire applications: A **4090-9001** or -9051 Supervised IAM is configured for monitoring single-station smoke detectors A 409...

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TAPA 100X100 PARA MODULOS SIMPLEX

$14.740 $17.541 con IVA

- Codigo: 91164
- Marca: SIMPLEX
- Modelo -P/N: 4090-9002

TIRNDAS

- Hanchuraba : En stock disponibilidad inmediata
- Sucursal Exequiel: Sin Stock

Recibelo el siguiente día hábil en Santiago Metropolitano / 2-3 días hábiles mediante FEDEX en regiones.

La Tapa 100x100 para Módulos Simplex es una excelente opci?n para asegurar la protecci?n de tus m?dulos Simplex. Fabricada con materiales de alta resistencia y durabilidad, esta tapa garantiza la seguridad de tus instalaciones. Especificaciones t?cnicas: - N?mero de serie: 4090-9002 - Marca: Simplex Caracter?sticas: - Dise?o compacto y resistente - F?cil instalaci?n - Compatibilidad con m?dulos Simplex No arriesgues la seguridad de tus instalaciones. Con la Tapa 100x100 para M?dulos Simplex, tendr?s la tranquilidad de contar con un producto confiable y eficiente. Marca: Simplex es reconocida a nivel mundial por su excelencia en productos de seguridad. Su experiencia y calidad son garant?a de confianza y fiabilidad. Explora nuestra tienda online y descubre nuestra amplia gama de productos de seguridad. Escoge Artilec, tu aliado en seguridad.

Productos Relacionados

MINI MODULO MONITOREO
Codigo: 91014
Marca: SIMPLEX
4090-9001
$29.480 +iva

MODULO DE CONTROL C/SUPERVISIO
Codigo: 91016
Marca: SIMPLEX
4090-9007
$54.220 +iva

MODULO DE RELE DIRECCIONABLE
Codigo: 91015
Marca: SIMPLEX
4090-9002
$41.600 +iva

MODULO DE ZONA PARA DETECTOR CONVENCIONAL 2 HILOS 24VDC
Codigo: 91013
Marca: SIMPLEX
4090-9101
$38.700 +iva

TAPA PARA MODULO IAM, MONTAJE SUPERFICIE
Codigo: 91165
Marca: SIMPLEX
4090-9007
$10.740 +iva

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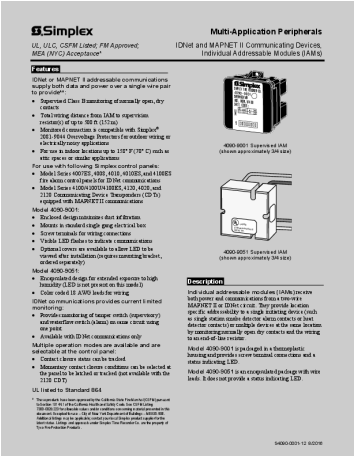

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UL, ULC, CSFM Listed; FM Approved; MEA NYC Acceptance* Multi-Application Peripherals IDNet and MA ... 020, and 2120 Communicating Device Transponders CDTs equipped with MAPNET II communications Model **4090-9001**: Enclosed design minimizes dust infiltration Mounts in standard single gang electrical b...

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MODULO DE RELE 8 A IAM IDNET Artilec 4090 9007 $63 240 iva · DIRECCIONABLE Codigo 91015 Marca SIMPLEX 9002 $50 800 ZONA PARA DETECTOR CONVENCIONAL 2 ARTILEC 91255 incendio inteligente simplex modulo de rele a iam idnet artilec imprimir producto |||

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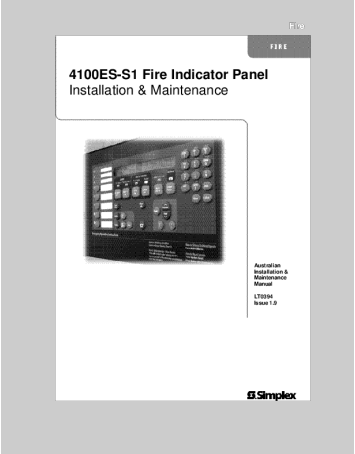

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[pdf] User Manual

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4100ESi Service and Upgrade Manual LT0620 Issue 1.2 Contents Chapter 1. About this Manual .... equired end of line resistor values Module Description CIM800 DDM800 DIM800 MIM800 MIO800 SNM800 **4090-9001** / 40909051 4090-9101 4090-9118 4090-9120AU 2190-9156 2190-9164 4100 EWIS 4100 8pt Monitor ...

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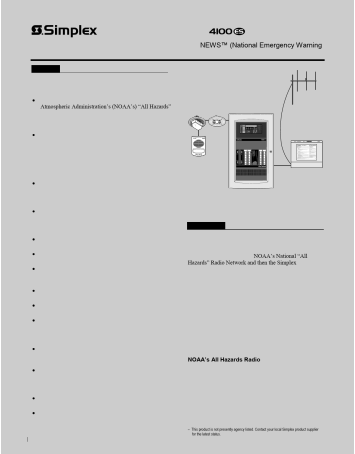

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Fire Control Panels TrueAlert NEWSTM National Emergency Warning System ECS Radio Receiver Model 49 ... o chipset 68 for custom message set for NEWS receiver included with the supplied instructions CD **4090-9001** 4090-9051 With screw terminals Encapsulated with wire leads Individual Addressable Modul...

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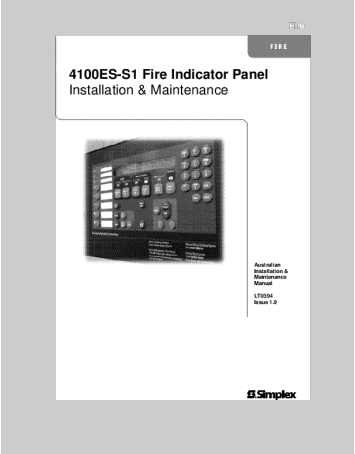

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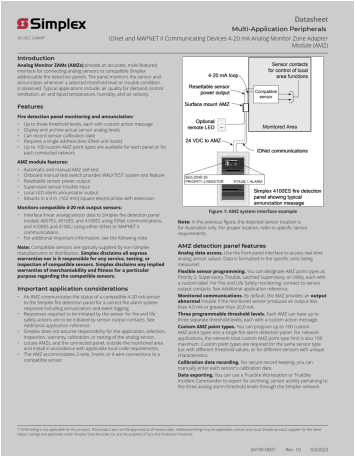


Simplex
UL,ULC Listed*

Datasheet
Multi-Application Peripherals
IDNet and MAPNET II Communicating Devices 4-20 mA Analog Monitor Zone Adapter Module (AMZ)

Introduction

Analog Monitor Zone (AMZ) provide an accurate, multi-featured interface between analog sensors in conventional, non-addressable fire detection panels. The panel monitors the sensor and annunciates whenever a selected threshold level or trouble condition is observed. Typical applications include: air quality for demand control ventilation, air and liquid temperature, humidity, and air velocity.

Features

Fire detection panel monitoring and annunciation:

- Up to three threshold levels, each with custom action message
- Display and archive actual sensor analog levels
- Can record sensor calibration data
- Supervised output relay (see Ordering Guide for details)
- Up to 100 custom AMZ point types are available for each panel or for each connected network

AMZ module features:

- Automatic and manual AMZ self test
- Onboard manual test switch provides WALKTEST system test feature
- Resettable sensor power output
- Supervised sensor trouble input
- Local LED alarm annunciator output
- Mounts in a 4 in. (102 mm) square electrical box with extension

Monitors compatible 4-20 mA output sensors:

- Interface linear analog sensor data to Simplex fire detection panel models 4007ES, 4010ES, and 4100ES using IDNet communications, UDACT and 4100U using either IDNet or MAPNET II communications
- For additional important information, see the following note.

Note: Compatible sensors are typically supplied by non-Simplex manufacturers or distributors. **Simplex disclaims all express warranties nor is it responsible for any service, testing, or inspection of compatible sensors. Simplex disclaims any implied warranties of merchantability and fitness for a particular purpose regarding the compatible sensors.**

Important application considerations

- AMZ provides a linear interface between the 4-20 mA sensor and the Simplex fire detection panel for a powerful fire alarm system response including annunciation and event logging.
- Responses required to be initiated by the sensor for fire and life safety actions are to be initiated by sensor output contacts. See Additional application reference.
- Simplex does not assume responsibility for the application, selection, and installation of compatible sensors. Consult sensor manufacturer.
- Locate AMZs, and the connected panel, in a suitable environment and install in accordance with applicable local code requirements.
- The AMZ accommodates 2 wire, 3 wire, or 4 wire connections to a compatible sensor.

Figure 1: AMZ system interface example

Note: In the previous figure, the depicted sensor location is for illustration only. For proper location, refer to specific sensor requirements.

AMZ detection panel features

Analog data access. Use the front panel interface to access real time analog sensor values. Data is formatted in the specific units being measured.

Flexible sensor programming. You can designate AMZ point types as Priority 2, Supervisory, Trouble, Latched Supervisory, or Utility, each with a custom label. For Fire and Life Safety monitoring, connect to sensor output contacts. See Ordering Guide for details.

Monitored communications. By default, the AMZ provides an **output abnormal** trouble if the monitored sensor produces an output less than 4.0 mA or greater than 20.0 mA.

Three programmable threshold levels. Each AMZ can have up to three separate threshold levels, each with a custom action message.

Custom AMZ point types. You can program up to 100 custom AMZ point types into a single fire alarm detection panel. For network applications, the total number of custom AMZ point types is 100 maximum. Custom point types are required for the same sensor type but with different threshold values, or for different sensors with unique characteristics.

Calibration data recording. For secure record keeping, you can manually enter each sensor's calibration date.

Data exporting. You can use a TrueSite Workstation or TrueSite Incident Commander to export for archiving, sensor activity pertaining to the three analog alarm threshold levels through the Simplex network.

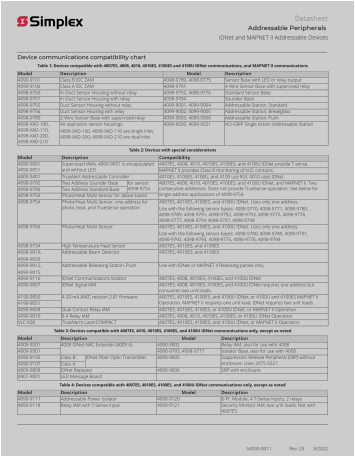
*CSFM listing is not applicable for this product. This product was not FM approved as of revision date. Additional listings may be applicable, contact your local Simplex product supplier for the latest status.Listings and approvals under Simplex Time Recorder Co. are the property of Tyco Fire Protection Products.

S4190-0007 Rev. 10 03/2023

[pdf] User Manual Datasheet

IDNet and MAPNET II Communicating Devices 4 20 mA Analog Monitor Zone Adapter Module AMZ Monitors compatible output sensors Interface linear analog sensor data to Simplex fire detection panel models 4007ES 4010ES 4100ES using IDNet UTF 8 Q 4190 0007 filename* docs johnsoncontrols simplex api khub documents n btsygpHZf~HZZLuLRpGg content |||

UL,ULC Listed* Datasheet Multi-Application Peripherals IDNet and MAPNET II Communicating Devices 4- ... 90-9120 Six Point Module for monitoring multiple J contacts / points, four inputs, 2 outputs. Use **4090-9001** IAM for single point monitoring. Six Point Module SKU: 4090-9120 and IAM SKU: 4090-9002.... lang:en score:17 filesize: 431.83 K page_count: 4 document date: 2023-03-07



Simplex

Datasheet
Addressable Peripherals
IDNet and MAPNET II Addressable Devices

Device communications compatibility chart

Table 1: Devices compatible with 4007ES, 4008, 4010, 4010ES, 4100ES and 4100U IDNet communications, and MAPNET II communications

Model	Description	Model	Description
4098-9703	Class B EOL 2AM	4098-9789, 4098-9795	Sensor Base with LED or relay output
4098-9704	Class B EOL 2AM	4098-9792	Standard Sensor Base with supervised relay
4098-9794	3-Class Sensor Housing without relay	4098-9793, 4098-9796	Standard Sensor Base
4098-9797	3-Class Sensor Housing with relay	4098-9794	Sounder Base
4098-9755	Duct Sensor Housing without relay	4009-9001, 4009-9004	Addressable Station, Standard
4098-9756	Duct Sensor Housing with relay	4009-9002, 4009-9005	Addressable Station, Breakglass
4098-9798	2-Wire Sensor Base with supervised relay	4009-9003, 4009-9006	Addressable Station, Push
4098-9A0-100, 4098-9A0-110, 4098-9A0-200, 4098-9A0-210	Air aspiration sensor housings 4098-9A0-100, 4098-9A0-110 are single inlet, 4098-9A0-200, 4098-9A0-210 are dual inlet	4009-9020, 4009-9021	NO-GRIP Single Action Addressable Station

Table 2: Devices with special considerations

Model	Description	Compatibility
4098-9601	Supervised Mini, 4000-9851 is encapsulated version of this	4007ES, 4008, 4010, 4010ES, 4100ES, and 4100U IDNet provide T-sense. MAPNET II does not. Class B reverse wiring of NAC contacts
4098-9401	TrueNet Addressable Controller	4007ES, 4100ES, 4100U, and 4100 use NUI. 4010 uses IDNet
4098-2705	Two Address Sounder Base for sensor	4007ES, 4008, 4010, 4010ES, and 4100U IDNet, and MAPNET II. Two consecutive addresses. Does not provide TrueSense operation. See below for single address applications of 4098-9754
4098-9764	Two Address Standard Base (NYM 9764)	4007ES, 4010ES, 4100ES, and 4100U IDNet. Uses only one address. Use with the following sensor bases: 4098-9770, 4098-9771, 4098-9780, 4098-9786, 4098-9791, 4098-9792, 4098-9793, 4098-9794, 4098-9795, 4098-9796, 4098-9797, 4098-9798 4098-9799
4098-9754	Photo/Heat Multi Sensor for detect black, photo, heat, and TrueSense operation	4007ES, 4010ES, 4100ES, and 4100U IDNet. Uses only one address. Use with the following sensor bases: 4098-9770, 4098-9771, 4098-9780, 4098-9786, 4098-9791, 4098-9792, 4098-9793, 4098-9794, 4098-9795, 4098-9796, 4098-9797, 4098-9798
4098-9754	Photo/Heat Multi Sensor	4007ES, 4010ES, 4100ES, and 4100U IDNet. Uses only one address. Use with the following sensor bases: 4098-9770, 4098-9771, 4098-9780, 4098-9791, 4098-9792, 4098-9793, 4098-9794, 4098-9795, 4098-9796, 4098-9797, 4098-9798
4098-9754	High Temperature Heat Sensor	4007ES, 4010ES, and 4100ES
4098-9016, 4098-9020	Addressable Beam Detector	4007ES, 4010ES, and 4100ES
4098-9012, 4098-9013	Addressable Releasing Station, Push	Use with IDNet or MAPNET II releasing panels only.
4090-9116	IDNet Communications Isolator	4007ES, 4008, 4010ES, 4100ES, and 4100U IDNet
4090-9001	IDNet Signal IAM	4007ES, 4008, 4010ES, 4100ES, and 4100U IDNet requires one address but consumes two unit loads
4100-9050	4-20 mA AMZ, revision 2.01 firmware	4007ES, 4008, 4010ES, and 4100U IDNet, or 4100U and 4100ES MAPNET II Operation. MAPNET II requires one unit load. IDNet requires two unit loads.
4090-9008	Dual Contact Relay IAM	4007ES, 4010ES, 4100ES, or 4100U IDNet, or MAPNET II Operation
4009-9010	8 A Relay IAM	4007ES, 4008, 4010, 4010ES, 4100ES, or 4100U IDNet Operation
ULC-G03	TrueAlarm Laser CONFIRM	4007ES, 4010ES, 4100ES, and 4100U IDNet, or MAPNET II Operation

Table 3: Devices compatible with 4007ES, 4010, 4010ES, 4100ES, and 4100U IDNet communications only, except as noted

Model	Description	Model	Description
4009-9101	4-CTT IDNet TAC Extender (4009-X)	4000-5600	Relay IAM, also for use with 4090
4009-0907		4000-5705, 4000-5777	Isolator Base, also for use with 4090
4009-9100	Class B IDNet Fiber Optic Transceiver	4000-0600	Duplication Release Hospital (DRP) pullbox enclosure. Uses 2975-9227
4090-9107	Class A		
4009-9000	IDNet Repeater	4000-0600	DRP with enclosure
4007-9001	4-CO Message Board		

Table 4: Devices compatible with 4007ES, 4010ES, 4100ES, and 4100U IDNet communications only, except as noted

Model	Description	Model	Description
4009-9117	Addressable Power Isolator	4000-9120	6-Pt. Module, 4 T-Sense Inputs, 2 relays
4009-9118	Relay IAM with T-Sense Input	4000-9121	Security Monitor IAM, two unit loads. Not with 4007ES

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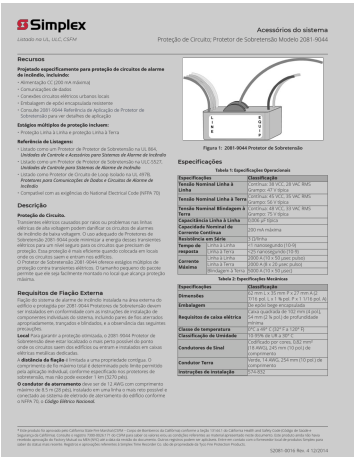
IDNet and MAPNET II Addressable Devices S4090 0011 25 Fire Detection Product Publications simplex fire en us DocumentsandMedia 4090 |||

Datasheet Addressable Peripherals IDNet and MAPNET II Addressable Devices Device communications com ... able Station, Breakglass Addressable Station, Push NO-GRIP Single Action Addressable Station Model **4090-9001** 4090-9051 4009-9401 4098-9795 4098-9796 4098-9754 4098-9754 4098-9764 4098-9734 4098-9019,... lang:en score:16 filesize: 178.76 K page_count: 14 document date: 2022-03-10



Simplex
Listado no UL, ULC, CSFM

Acessórios do sistema
Proteção de Circuito; Protetor de Sobretensão Modelo 2081-9044

Recursos

Projetado especificamente para proteção de circuitos de alarme de incêndio, inclusive:

- Alimentação CC (200 mA máxima)
- Comunicações de dados
- Conexões circuitos elétricos urbanos locais
- Embalagem de epóxi encapsulada resistente
- Consulte 2081-9044 Referência de Aplicação de Protetor de Sobretensão para ver detalhes de aplicação

Exigências múltiplas de proteção incluem:

- Proteção Linha à Linha e proteção Linha à Terra

Referência de Listagens:

- Listado como um Protetor de Protetor de Sobretensão na UL 864, ***Unidades de Controle e Acessórios para Sistemas de Alarme de Incêndio***
- Listado como um Protetor de Protetor de Sobretensão na ULC-S527, ***Unidades de Controle para Sistemas de Alarme de Incêndio***
- Listado como Protetor de Circuito de Loop listado na UL 497B, ***Protetores para Comunicações de Dados e Circuitos de Alarme de Incêndio***
- Compatível com as exigências do National Electrical Code (NFPA 70)

Descrição

Proteção do Circuito.

Transientes elétricos causados por raios ou problemas nas linhas elétricas de alta voltagem podem danificar os circuitos de alarme de incêndio e outros equipamentos de segurança. O Protetor de Sobretensão 2081-9044 pode minimizar a energia desses transientes elétricos para um nível seguro para os circuitos que precisam de proteção. Essa proteção é mais eficiente quando colocada em locais onde os circuitos saem e entram nos edifícios.

Os Protetores de Sobretensão fornecem estágios múltiplos de proteção contra transientes elétricos. O tamanho pequeno do gaveto permite que ele seja facilmente montado no local que alcança proteção máxima.

Requisitos de Fiação Externa

Fiação do sistema de alarme de incêndio instalada no área externa do edifício deve ser conduzida em conduíte de metal. Todas as fiações de sinalização em conduíte com conexões de entrada/saída de componentes individuais do sistema, incluindo painel de fios alarmado, apropriadamente, marcações e limitadas, e a observância das seguintes precauções.

Local Para garantir a proteção ótimizada, o 2081-9044 Protetor de Sobretensão deve estar localizado o mais perto possível do ponto de entrada do condutor do edifício ou entrarem e instalados em caixas elétricas metálicas dedicadas.

A **distância de fiação** é limitada a uma propriedade contígua. O comprimento do fio máximo é determinado pelo limite permitido pela aplicação individual, conforme especificado nos protetores de sobretensão, mas não pode exceder 1 km (3,270 pés).

O condutor de aterramento deve ser de 12 AWG com comprimento mínimo de 8 m (25 pés), instalado em uma linha o mais reto possível e conectado ao sistema de entrada de aterramento do edifício conforme a NFPA 70, o **Código Elétrico Nacional.**

Figura 1: 2081-9044 Protetor de Sobretensão

Especificações

Tabela 1: Especificações Operacionais

Especificações	Classificação
Tensão Nominal Linha à Linha	Contínua: 30 VCC, 20 VAC, RMS Grampo: 47 V típica
Tensão Nominal Linha à Terra	Contínua: 40 VCC, 30 VAC, RMS Grampo: 56 V típica
Tensão Nominal Blindagem à Terra	Contínua: 48 VCC, 30 VAC, RMS Grampo: 75 V típica
Capacitância Linha à Linha	300N pF (typ)
Capacidade Nominal de Corrente Contínua	100 mA máxima
Resistência em Série	1 Ω/linha
Tempo de resposta	Linha à Linha: ≤1 nanosegundo (1 ns) Linha à Terra: ≤20 nanosegundos (20 ns)
Corrente Máxima	Linha à Linha: 2000 A (10 x 50 µsec pulso) Linha à Terra: 2000 A (8 x 20 µsec pulso) Blindagem à Terra: 2000 A (10 x 50 µsec)

Tabela 2: Especificações Mecânicas

Especificações	Classificação
Dimensões	Ex. mm: L = 50 mm P = 27 mm A µ2 1116 pol. L = 1 ½ pol. P = 1 1/16 pol. A)
Embalagem	Caixa de papelão de 152 mm (6 pol.) x 64 mm (2 ½ pol.) de profundidade externa
Requisitos de caixa elétrica	4 x 4 x 1 ½ pol.
Classe de temperatura	0°C a 48° C (32° F a 120° F)
Classificação da Umidade	10 95% (a 38 x 30°F)
Condutores de Sinal	Codificado por cores, 0,82 mm² (18 AWG) 305 mm (10 pol) de comprimento
Condutor Terra	Verde, 14 AWG, 254 mm (10 pol.) de comprimento
Instruções de instalação	574-332

*CSFM listing is not applicable for this product. This product was not FM approved as of revision date. Additional listings may be applicable, contact your local Simplex product supplier for the latest status.Listings and approvals under Simplex Time Recorder Co. are the property of Tyco Fire Protection Products.

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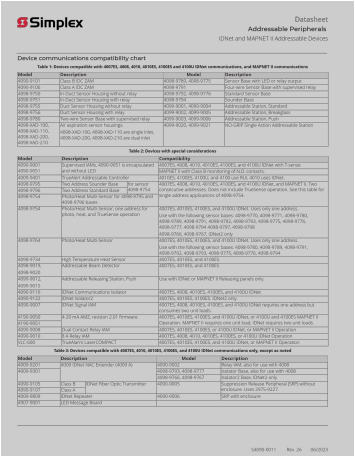
Proteção de Circuito Protetor Sobretensão Modelo 2081 9044 S2081 0016 pt br 4 Fire Detection Product Publications simplex fire en us DocumentsandMedia Translations |||

Listado na UL, ULC, CSFM Acessrios do sistema Proteo de Circuito; Protetor de Sobretenso Modelo 208 ... 101 e 4090-9106 1400 ps 428 m mximo Zona do mdulo de adaptador individual IAM supervisionada; **4090-9001** e 4090-9051 400 ps 122 m mximo Comunicao de IUR/IUR Interface Reduzir a distncia mxi... lang:pt score:16 filesize: 208.75 K page_count: 4 document date: 2020-02-04



Simplex

Datasheet
Addressable Peripherals
IDNet and MAPNET II Addressable Devices

Device communications compatibility chart

Table 1: Devices compatible with 4007ES, 4010, 4010ES, 4100ES and 4100U IDNet communications, and MAPNET II communications

Model	Description	Model	Description
4098-9101	Class B IDC ZAM	4098-9793, 4098-9775	Sensor Base with LED or relay output
4098-9106	Class A IDC ZAM	4098-9795	Four-wire Sensor Base with supervised relay
4098-9754	In-Duct Sensor Housing without relay	4099-9792, 4098-9796	Standard Sensor Base
4098-9755	In-Duct Sensor Housing with relay	4099-9794	Isolator Base
4098-9756	Duct Sensor Housing without relay	4009-9001, 4098-9004	Addressable Station, Standard
4098-9758	Duct Sensor Housing with relay	4099-9002, 4099-9005	Addressable Station, Breakglass
4098-9794	Two-wire Sensor Base with supervised relay	4009-9003, 4099-9006	Addressable Station, Push
4098-9400-100, 4098-9401-100, 4098-9400-200, 4098-9401-200	Air aspiration sensor housings 4098-9400-100, 4098-9401-100 are single inlet, 4098-9400-200, 4098-9401-200 are dual inlet	4009-9020, 4099-9021	NO-GRIP Single Action Addressable Station

Table 2: Devices with special considerations

Model	Description	Compatibility
4098-9001	Supervised MAN, 4000-9051 is encapsulated and without LED	4007ES, 4008, 4010, 4010ES, 4100ES, and 4100U IDNet with 7-series MAPNET II with Class B monitoring of NO contacts
4009-9401	Transient Addressable Controller	4010ES, 4100ES, 4100U, and 4100 use PLA, 4010 uses IDNet
4098-9714	Addressable Relay, Form C, 2-wire	4007ES, 4008, 4010ES, 4100ES, 4100U IDNet, and MAPNET II. Two consecutive addresses. Does not include Transient operation. See this table for single address applications of 4098-9754.
4098-9795	Two Address Standard Base	
4098-9794	Photo/Heat Multi Sensor for 4098-9795 and 4098-9796 bases	
4098-9754	Photo/Heat Multi Sensor, one address for photo, heat, and Transient operation	4007ES, 4010ES, 4100ES, and 4100U IDNet. Uses only one address. Use with the following sensor bases: 4098-9793, 4098-9775, 4098-9794, 4098-9795, 4098-9797, 4098-9792, 4098-9793, 4098-9775, 4098-9776, 4098-9777, 4098-9794, 4098-9797, 4098-9798
4098-9754	Photo/Heat Multi Sensor	4007ES, 4010ES, 4100ES, and 4100U IDNet. Uses only one address. Use with the following sensor bases: 4098-9793, 4098-9794, 4098-9795, 4098-9797, 4098-9792, 4098-9793, 4098-9775, 4098-9776, 4098-9777, 4098-9794, 4098-9797, 4098-9798
4098-9714	High Temperature Heat Sensor	4007ES, 4010ES, and 4100ES
4098-9816	Addressable Beam Detector	4007ES, 4010ES, and 4100ES
4098-9020		
4009-9012	Addressable Releasing Station, Push	Use with IDNet or MAPNET II Releasing panels only.
4009-9013		
4090-9118	IDNet Communications Isolator	4007ES, 4008, 4010ES, 4100ES, and 4100U IDNet
4090-9120	Mini Isolator	4007ES, 4010ES, 4100ES, IDNet only
4090-9007	IDNet Signal IAM	4007ES, 4008, 4010ES, 4100ES, and 4100U IDNet requires one address but consumes two of loop capacity
4090-9058	4-20 mA AMZ, revision 2.01 firmware	4007ES, 4010ES, 4100ES, and 4100U IDNet or 4100ES and 4100U MAPNET II
4090-9028	Six Point Module	4007ES, 4010ES, 4100ES, and 4100U IDNet. IDNet requires two unit loads.
4098-9898	Dual Output Relay IAM	4007ES, 4010ES, or 4100U IDNet, or MAPNET II Operation
4090-9018	8-A Relay IAM	4007ES, 4008, 4010, 4010ES, 4100ES, or 4100U IDNet Operation
532-600	Transient in Loop COMPACT	4007ES, 4010ES, 4100ES, and 4100U IDNet, or MAPNET II Operation

Table 3: Devices compatible with 4007ES, 4010, 4010ES, 4100ES, and 4100U IDNet communications only, except as noted

Model	Description	Model	Description
4009-9201	4009 IDNet MIC Extender (4009 X)	4090-9003, 4090-9004	Relay IAM, pilot for use with 4009
4009-9001		4098-9792, 4098-9777	Isolator Base, also for use with 4009
		4098-9794, 4098-9797	Isolator Base, IDNet only
4090-9104	Class B IDNet Fiber Optic Transmitter	4090-9009	Suppression Release Peripheral (DRP) without enclosure. Uses 2975-9227.
4090-9107	Class A		
4009-9909	IDNet Repeater	4090-9900	DRP with enclosure
4907-9001	LED Message Board		

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IDNet and MAPNET II Addressable Devices Device Communications Compatibility Chart 183 31 КБ

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Datasheet Addressable Peripherals IDNet and MAPNET II Addressable Devices Device communications com ... able Station, Breakglass Addressable Station, Push NO-GRIP Single Action Addressable Station Model **4090-9001** 4090-9051 4009-9401 4098-9795 4098-9796 4098-9754 4098-9754 4098-9764 4098-9734 4098-9019,...

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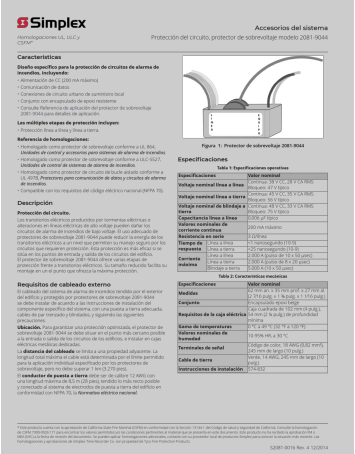

Simplex

Accesorios del sistema
Protección del circuito, protector de sobrevoltaje modelo 2081-9044

Homologaciones UL, ULC y CSFM*

Características

Diseño específico para la protección de circuitos de alarma de incendios, incluyendo:
- Alimentación de CL (200 mA máximo)
- Comunicación de datos
- Conexiones de circuito urbano de suministro local
- Conjunto con encapsulado de epoxi resistente
- Consulte Referencia de aplicación del protector de sobrevoltaje 2081-9044 para detalles de aplicación

Las múltiples etapas de protección incluyen:
- Protección línea a línea y línea a tierra.

Referencia de homologaciones:
- Homologado como protector de sobrevoltaje conforme a UL 864, ***Unidades de control y accesorios para sistemas de alarma de incendio***
- Homologado como protector de sobrevoltaje conforme a ULC-S527, ***Unidades de control de sistemas de alarma de incendio***
- Homologado como protector de circuito de bucle aislado conforme a UL 497B, ***Protectores para comunicación de datos y circuitos de alarma de incendios.***
- Compatible con los requisitos del código eléctrico nacional (NFPA 70).

Descripción

Protección del circuito.
Los transitorios eléctricos producidos por tormentas eléctricas o alteraciones en líneas eléctricas de alto voltaje pueden dañar los circuitos electrónicos sensibles. Para ayudar a evitar daños, el protector de sobrevoltaje 2081-9044 puede reducir la energía de los transitorios eléctricos a un nivel que permiten su manejo seguro por los circuitos que requieren protección. Esta protección es más eficaz si se ubica en los puntos de entrada y salida de los circuitos del edificio. El protector de sobrevoltaje 2081-9044 ofrece varias etapas de protección frente a transitorios eléctricos, lo cual ofrece la mejor protección.

Requisitos de cableado externo
El cableado de sistema de alarma de incendio tendido por el exterior del edificio y protegido por protectores de sobrevoltaje 2081-9044 se debe instalar de acuerdo a las instrucciones de instalación del componente específico del sistema, con una puesta a tierra adecuada, cableado de tamaño y trenzado, y siguiendo las siguientes directrices:

Ubicación. Para garantizar una protección optimizada, el protector de sobrevoltaje 2081-9044 se debe situar en el punto más cercano posible a la entrada o salida de los circuitos de los edificios, e instalar en cajas eléctricas metálicas dedicadas.

La **distancia del cableado** se limita a una propiedad adyacente. La distancia del cableado de sistema de alarma de incendio tendido permitida para la aplicación individual especificada por los primeros dos sobrevoltajes, pero no debe superar 1 km (3 270 pies).

El **conductor de puesta a tierra** debe ser de calibre 12 AWG con una longitud máxima de 8,5 m (28 pies), sentido lo más recto posible y conectado al sistema de electrodos de puesta a tierra del edificio en conformidad con NFPA 70, lo *Normativa eléctrica nacional*.

Figura 1: Protector de sobrevoltaje 2081-9044

Especificaciones

Table 1: Especificaciones operativas

Especificaciones	Valor nominal
Voltaje nominal línea a línea	Continua: 18 V CC, 28 V CA RMS (Requisito: 47 V CC)
Voltaje nominal línea a tierra	Continua: 45 V CC, 30 V CA RMS (Requisito: 56 V típico)
Voltaje nominal de blindaje a tierra	Continua: 48 V CC, 30 V CA RMS (Requisito: 75 V típico)
Capacitancia línea a línea	0,005 µF típico
Valores nominales de corriente de línea	200 mA máximo
Resistencia en serie	1 Ω típico
Tiempo de respuesta	Línea a línea: <1 nanosegundo (10 V) Línea a tierra: <20 nanosegundos (10 V)
Corriente máxima	Línea a línea: 2,000 A pulso de 10 x 50 µsec Línea a tierra: 2,000 A pulso de 8 x 20 µsec Blindaje a tierra: 2,000 A (10 x 50 µsec)

Table 2: Características mecánicas

Especificaciones	Valor nominal
Medidas	Alto: 101,6 mm x 101,6 mm (4 x 4 pulg.) Ancho: 44,7 mm (1,76 pulg.)
Conjunto	Encapsulado epoxi beige
Requisitos de la caja eléctrica	Caja cuadrada de 102 mm (4 pulg.), profundidad 32 mm (1,5 pulg.) de profundidad mínima
Gama de temperaturas	0 °C a 49 °C (32 °F a 120 °F)
Valores nominales de humedad	10-95% HR, a 30 °C
Terminales de soldaduras	Calibre de cobre, 18 AWG (0,82 mm²), 245 mm de largo (10 pulg.)
Cable de tierra	Calibre 14 AWG, 245 mm de largo (10 pulg.)
Instrucciones de instalación	574-052

* Este producto cuenta con la aprobación de California State Fire Marshal (CSFM) en conformidad con la Sección 13-108 I del Código de salud y seguridad de California. Consulte la homologación de CSFM 7290-0906:0117 para conocer los valores permitidos y las condiciones pertinentes al material que se presenta en este documento. Este producto no ha recibido la aprobación FM o MEA (NYC) a la fecha de revisión del documento. Se pueden aplicar homologaciones adicionales; contacte con su proveedor local de productos Simplex para conocer la situación más reciente. Las homologaciones y aprobaciones de Simplex Time Recorder Co. son propiedad de Tyco Fire Protection Products.

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Protección del circuito protector de sobrevoltaje modelo 2081 9044 S2081 0016 es la 4 Fire Detection Product Publications simplex fire en us DocumentsandMedia Translations |||

Homologaciones UL, ULC y CSFM* Accesorios del sistema Proteccin del circuito, protector de sobrevol ... de circuito Comunicaciones IDNet IDC ZAM de monitoreo; 4090-9101 y 4090-9106 Zona IAM supervisada; **4090-9001** y 4090-9051 Comunicaciones RUI/RUI Red de alarma de incendios, comunicaciones cableadas S...

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Simplex

Multi-Application Peripherals
MAPNET II® and IDNet™ Communicating Devices, Individual Addressable Module (IAM) 4090-9001

*UL, ULC Listed; FM, CSFM, and MEA (NYC) Approved**

Features

MAPNET II or IDNet addressable communications supply both data and power over a single wire pair to provide**:
- Supervised Class B monitoring of normally open, dry contacts
- Total wiring distance from IAM to supervision resistor(s) of up to 300 ft (152 m)
- Monitored connection is compatible with Simplex 2081-9044 Overvoltage Protectors for outdoor or electrically noisy applications

Compatible with Simplex:
- Model Series 4010/4100/4120/4020 fire alarm control panels equipped with either IDNet or MAPNET II communications
- Model Series 2120 communicating device transponders (CDTs) equipped with MAPNET II communications

Compact, sealed construction:
- Enclosed design minimizes dust infiltration
- Mounts in standard single gang electrical box
- Screw terminals for wiring connections
- Visible LED flashes to indicate communications
- Optional covers are available to allow LED to be viewed after installation (requires mounting bracket, ordered separately)

Provides current limited monitoring (for use with IDNet communications):
- To monitor tamper switch (trouble) and waterflow switch (alarm) on same circuit using one point

Multiple operation modes are available and are selectable at the control panel:
- Contact closure status can be tracked
- Momentary contact closure conditions can be latched, such as from rate-of-rise heat detectors

UL listed to Standard 864

* This product has been approved by the California State Fire Marshal (CSFM) pursuant to the California Health and Safety Code Section 13-108 I. Refer to CSFM 7290-0906:0120 for allowable values and conditions concerning material presented in this document. This subject is exemption, section, and available installation. Accepted for use in New York City under MEA 372-93-E. Additional approvals may be applicable, contact Simplex for latest status.

** MAPNET II and IDNet addressable communications designs protected by US Patent No. 4,796,020.

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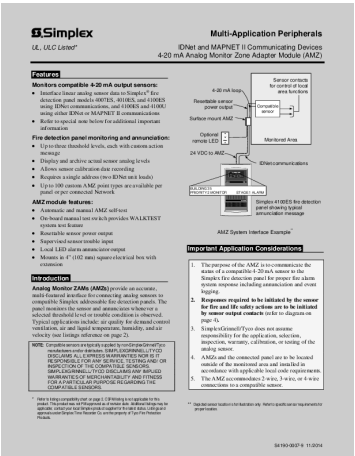
S4090-0001-4 8/00

[pdf] Datasheet

MINI MODULO MONITOREO 91014 artilec cl images product datasheet |||

UL, ULC Listed; FM, CSFM, and MEA NYC Approved* Multi-Application Peripherals MAPNET II and IDNetTM Communicating Devices, Individual Addressable Module IAM **4090-9001** Features MAPNET II or IDNet addressable communications supply both data and power over a single wire pair to provide**: Superv...

lang:en score:15 filesize: 60.25 K page_count: 4 document date: 2000-09-01



Simplex

Multi-Application Peripherals
IDNet and MAPNET II Communicating Devices
4-20 mA Analog Monitor Zone Adapter Module (AMZ)

*UL, ULC Listed**

Features

Monitors compatible 4-20 mA output sensors:
- Interface linear analog sensor data to Simplex® fire detection panel models 4007ES, 4010ES, and 4100ES using IDNet communications, and 4100ES and 4100U using either IDNet or MAPNET II communications
- Refer to special note below for additional important information

Fire detection panel monitoring and annunciation:
- Up to three threshold levels, each with custom action messages
- Display and archive actual sensor analog levels
- Allows sensor calibration data recording
- Requires a single address (two IDNet unit loads)
- Up to 100 custom AMZ point types are available per panel or per connected Network

AMZ module features:
- Automatic and manual AMZ self-test
- On-board manual test switch provides WALKTEST system test feature
- Resettable sensor power output
- Supervised sensor trouble input
- Local LED alarm annunciator output
- Mounts in 4" (102 mm) square electrical box with extension

Introduction

Analog Monitor ZAMs (AMZs) provide an accurate, multi-featured interface for connecting analog sensors to compatible Simplex® fire detection panels. The AMZ monitors the sensor and annunciates when a user-selected threshold level or trouble condition is observed. Typical applications include: air quality for demand control ventilation, air and liquid temperature, humidity, and air velocity (see listings referenced on page 2).

NOTE: Compatible sensors are typically supplied by non-Simplex OEM/ITEM manufacturers under subcontract. SIMPLEXGRINNELL TYCO DISCLAIMS ALL EXPRESS WARRANTIES NOR IS IT RESPONSIBLE FOR ANY SERVICE, TESTING AND OR INSPECTION OF THE COMPATIBLE SENSORS. DISCLAIMS ALL IMPLIED WARRANTIES INCLUDED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE REGARDING THE COMPATIBLE SENSORS.

* Refer to listing compatibility chart on page 2. CSFM listing is not applicable to this product. This product was not FM approved as of revision date. Additional listings may be applicable, contact your local Simplex product supplier for the latest status. Listings and approvals are Simplex Time Recorder Co. and the property of Tyco Fire Protection Products.

AMZ System Interface Example*

Important Application Considerations

1. The purpose of the AMZ is to communicate the status of a compatible 4-20 mA sensor to the Simplex fire detection panel for proper fire alarm system response including annunciation and event logging.
2. **Responses required to be initiated by the sensor for fire and life safety actions are to be initiated by sensor output contacts** (refer to diagram on page 4).
3. SimplexGrinnellTyco does not assume responsibility for the application, selection, inspection, warranty, calibration, or testing of the analog sensor.
4. AMZs and the connected panel are to be located outside of the monitored area and installed in accordance with applicable local code requirements.
5. The AMZ accommodates 3-wire, 3-wire, or 4-wire connections to a compatible sensor.

** Dual-level sensor location is for illustration only. Refer to specific sensor requirements for proper location.

S4190-0037-5 11/2014

[pdf] User Manual Decleration of Conformity

Microsoft Word S4190 0007 9 doc RiBryant Multi Application Peripherals AMZ Detection Panel Features Analog Data Access Real time analog sensor values can be accessed using the front panel interface is formatted in specific units being measured simplex fire en us DocumentsandMedia 4190 |||

UL, ULC Listed* Multi-Application Peripherals IDNet and MAPNET II Communicating Devices 4-20 mA Ana ... dule 4090-9120 Six Point Module for monitoring multiple contacts/points 4 inputs, 2 outputs ; use **4090-9001** IAM for single point monitoring to Simplex 4007ES, 4010ES, 4100ES, or 4100U fire detectio...

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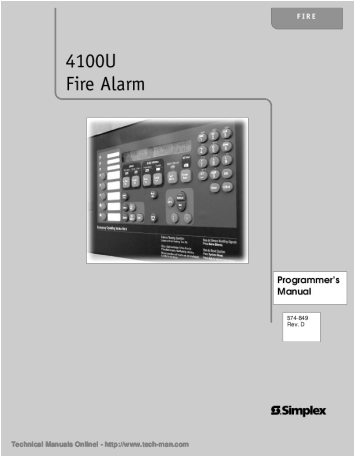

[pdf] User Manual

4100U Fire Alarm Chipkin Automation Systems FIRE Operator s Manual 574 849 Rev D Tyco Simplex the logo MAPNET II IDNet TrueAlarm SmartSync WALKTEST Programming chipkin files liz 80

FIRE 4100U Fire Alarm POrpoegrartaorm s mer s MMaannuaulal 574-849 Rev. D Technical Manuals Online ... 4098-9788 4098-9789 4098-9791 4098-9792 4098-9794 4099-9001 4099-9002 4099-9003 4098-9795 4098-9796 **4090-9001** Description Class B IDC ZAM Class A IDC ZAM QuickConnect sensor w/ sounder In-Duct sensor...

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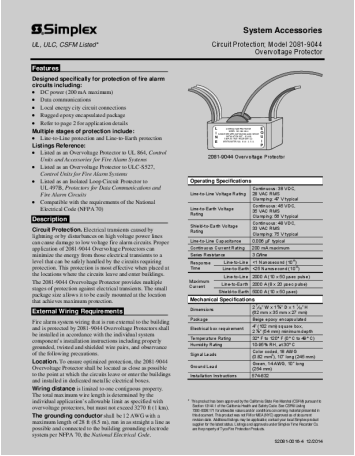

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UL, ULC, CSFM Listed* Features Designed specifically for protection of fire alarm circuits including ... ts Circuit Type IDNet Communications Monitor ZAM IDC; 4090-9101 and 4090-9106 Supervised IAM Zone; **4090-9001** and 4090-9051 RUI/RUI Communications Fire Alarm Network, Wired Communications IDNAC and T...

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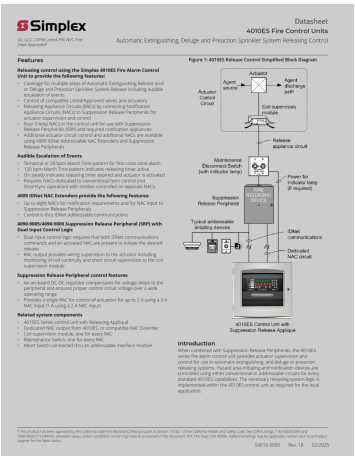

[pdf] Datasheet

Automatic Extinguishing Deluge and Preaction Sprinkler System Releasing Control UTF 8 Q 4010 0005 filename* docs johnsoncontrols simplex api khub documents C7sEnE6cUGaqFjJ0wF7BFw content |||

UL, ULC, CSFM Listed; FM, NYC Fire Dept Approved* Datasheet 4010ES Fire Control Units Automatic Ext ... ailable when abort operation is required. When used, connect to an addressable Supervised IAM model **4090-9001** or similar addressable adapter module. The Simplex abort switch and the IAM mount in a sin...

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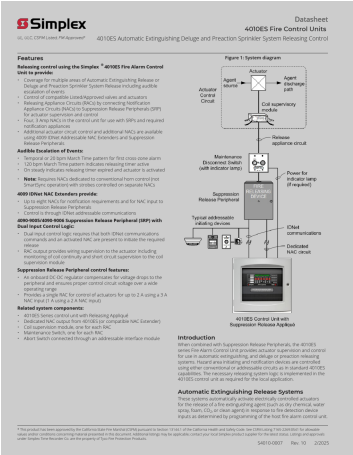

Simplex

UL, ULC, CSFM Listed; FM Approved*

Datasheet
4010ES Fire Control Units
4010ES Automatic Extinguishing Deluge and Preaction Sprinkler System Releasing Control

Features

Releasing control using the Simplex ® 4010ES Fire Alarm Control Unit to provide:
- Coverage for multiple areas of Automatic Extinguishing Release or an Deluge and Preaction Sprinkler System Release including audible escalation of events
- Control of compatible Listed/Approved valves and actuators
- Releasing Appliance Circuits (RACs) by connecting Notification Appliance Circuits (NACs) to Suppression Release Peripherals (SRP) operation with strobes controlled on separate NACs
- Four, 3 Amp NACs in the control unit for use with SRPs and required notification appliances
- Additional actuator circuit control and additional NACs are available using 4009 IDNet Addressable NAC Extenders and Suppression Release Peripherals

Audible Escalation of Events:
- Temporal or 20 bpm March Time pattern for first cross-zone alarm
- 120 bpm March Time pattern indicates releasing timer active
- On steady indicates releasing timer expired and actuator is activated
- **Note:** Requires NACs dedicated to conventional horn control (not SmartSync operation) with strobes controlled on separate NACs

4009 IDNet NAC Extenders provide:
- Up to eight NACs for notification requirements and for NAC input to Suppression Release Peripherals
- Control is through IDNet addressable communications

4090-9005/4090-9006 Suppression Release Peripheral (SRP) with Dual Input Control Logic:
- Dual input control logic requires that both IDNet communications channels and an activated NAC are present to initiate the required release
- RAC output provides wiring supervision to the actuator including monitoring of coil continuity and short circuit supervision to the coil supervision module

Suppression Release Peripheral control features:
- An onboard DC-DC regulator compensates for voltage drops to the peripheral and ensures proper control circuit voltage over a wide operating range
- Provides a single RAC for control of actuators for up to 2 A using a 3 A NAC input (1 A using a 2 A NAC input)

Related system components:
- 4010ES Series control unit with Releasing Applique
- Dedicated NAC output from 4010ES (or compatible NAC Extender)
- Coil supervision module, one per RAC
- Maintenance Switch, one for each RAC
- Abort Switch connected through an addressable interface module

Figure 1: System diagram

Introduction

When combined with Suppression Release Peripherals, the 4010ES series Fire Alarm Control Unit provides actuator supervision and control for use in automatic extinguishing, and deluge or preaction releasing systems. Hazard area initiating and notification devices are controlled using either conventional or addressable circuits as in standard 4010ES capabilities. The necessary releasing system logic is implemented in the 4010ES control unit as required for the local application.

Automatic Extinguishing Release Systems

These systems automatically activate electrically controlled actuators for the release of a fire extinguishing agent (such as dry chemical, water spray, foam, CO_2, or clean agent) in response to fire detection device inputs as determined by programming of the host fire alarm control unit.

* This product has been approved by the California State Fire Marshal (CSFM) pursuant to Section 19 14.1 of the California Health and Safety Code. See CSFM Listings 7165-0028:0341 and 7165-0028:0342 for detailed valuation conditions concerning material presented in this document. With Fire Alarm Control Unit firmware, listings may be applicable; contact your local Simplex product supplier for the latest status.

Simplex, the Simplex logo, TrueAlert, TrueDetect, TrueAlert Controller, TrueAlert Multi Sensor, TrueAlert Multi Sensor Plus, TrueAlert Beam Detector, TrueAlert Relay, TrueAlert Low Current Relay, TrueAlert Low Current Relay Module, TrueAlert Low Current Relay Module Plus, TrueAlert Low Current Relay Module Plus Mini, TrueAlert Low Current Relay Module Plus Micro, TrueAlert Low Current Relay Module Plus Micro Mini, TrueAlert Low Current Relay Module Plus Micro Micro, TrueAlert Low Current Relay Module Plus Micro Micro Mini, TrueAlert Low Current Relay Module Plus Micro Micro Micro, TrueAlert Low Current Relay Module Plus Micro Micro Micro Mini, TrueAlert Low Current Relay Module Plus Micro Micro Micro Micro, TrueAlert Low Current Relay Module Plus Micro Micro Micro Micro Mini, TrueAlert Low Current Relay Module Plus Micro Micro Micro Micro Micro, TrueAlert Low Current Relay Module Plus Micro Micro Micro Micro Micro Mini, TrueAlert Low Current Relay Module Plus Micro Micro Micro Micro 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Simplex

Paneles de control de incendios 4007ES

Homologación UL, ULC; aprobado por FM, Cuerpo de bomberos de la ciudad de Nueva York*

Extinción automática, control de descarga de sistema de diluvio y rociadores de preacción

Características

Figura 1: Diagrama de bloque típico de control de descarga serie 4007ES

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Homologacin UL, ULC; aprobado por FM, Cuerpo de bomberos de la ciudad de Nueva York* Paneles de con ... de cancelacin. Si se utilizan, establezca una conexin con un modelo direccionable IAM supervisable **4090-9001** o un mdulo adaptador direccionable similar. El interruptor de cancelacin Simplex y el sopo...

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Simplex

Painéis de controle de incêndio 4007ES

Listado em UL, ULC; aprovado por FM, corpo de bombeiros de NY*

Sistema automático de extinção de incêndios, dilúvio e liberação de sprinklers de ação anterior

Recursos

Painel de controle 4007ES com aplicação de liberação de agentes supressores

Figura 1: Diagrama de blocos típico de controle de emissão série 4007ES

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Listado em UL; ULC; aprovado por FM, corpo de bombeiros de NY* Painis de controle de incndio 4007ES ... disponveis quando necessrio abortar a operao. Quando usado, conecte e um modelo IAM supervisionado **4090-9001** ou mdulo de adaptador enderevel similar. O interruptor de abortamento Simplex e a montagem...

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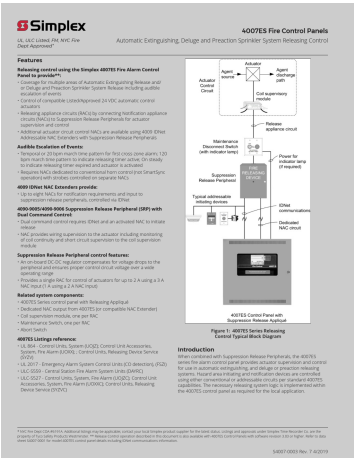

Simplex

4007ES Fire Control Panels

UL, ULC Listed; FM; NYC Fire Dept Approved*

Automatic Extinguishing, Deluge and Preaction Sprinkler System Releasing Control

Features

4007ES Control Panel with Suppressor Release Applique

Figure 1: 4007ES Series Releasing Control Typical Block Diagram

Introduction

[pdf] Specifications

S4007 0003 miramo xml mmcomposer circuits NACs to Suppression Release Peripherals for Page 7 Rev 4 2019 Automatic Extinguishing Deluge and Preaction Sprinkler System Releasing Control Specifications Table Peripheral 4090 9005 9006 simplex fire en us DocumentsandMedia |||

UL, ULC Listed; FM, NYC Fire Dept Approved* 4007ES Fire Control Panels Automatic Extinguishing, Del ... ed at the host fire alarm control panel. When used, connect to an addressable Supervised IAM model **4090-9001** or similar addressable adapter module. The Simplex abort switch and the IAM mount in a sin...

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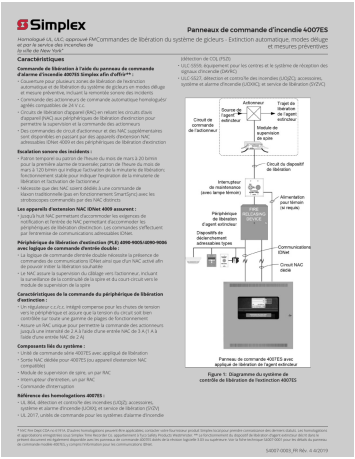

Simplex

Panneaux de commande d'incendie 4007ES

Homologué UL, ULC; approuvé FMCommandes de libération du système de gicleurs - Extinction automatique, modes déluge et pré-action

Caractéristiques

Panneau de commande 4007ES avec applique de libération de l'agent extincteur

Figure 1: Diagramme du système de contrôle de libération de l'extinction 4007ES

[pdf]

S4007 0003 FR miramo xml mmcomposer Panneaux de commande d incendie 4007ES simplex fire en us DocumentsandMedia |||

Panneaux de commande d incendie 4007ES Homologu UL, ULC; approuv FMCommandes de libration du systme ... ncessaire. En cas d utilisation, brancher un module d adaptateur adressable supervis IAM de modle **4090-9001** ou similaire. La commande d interruption Simplex et le module IAM s intgrent dans un seul ...

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Paneles de control de incendios Listado UL, ULC, CSFM; Aprobados por FM Extincin, rociado intenso y ... ere una operacin de cancelacin. Cuando los use, conctelos a un IAM supervisado direccionable modelo **4090-9001** o a un mdulo adaptador direccionable similar. El interruptor de cancelacin Simplex y el IA...

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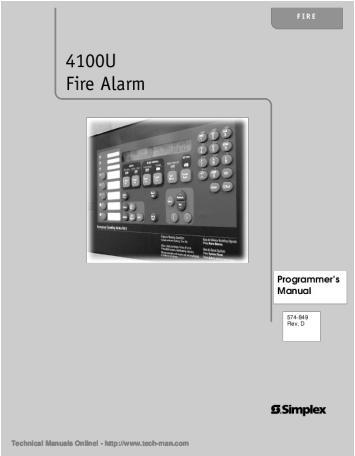

[pdf] User Manual

4100U Fire Alarm Chipkin Automation SystemsThe has a Programmer s Manual and an Operator Technical manuals are available online It lithium battery requires proper 4100U Programming Rev Dcdn chipkin files liz D |||

FIRE 4100U Fire Alarm POrpoegrartaorm s mer s MMaannuaulal 574-849 Rev. D Technical Manuals Online ... 4098-9788 4098-9789 4098-9791 4098-9792 4098-9794 4099-9001 4099-9002 4099-9003 4098-9795 4098-9796 **4090-9001** Description Class B IDC ZAM Class A IDC ZAM QuickConnect sensor w/ sounder In-Duct sensor...

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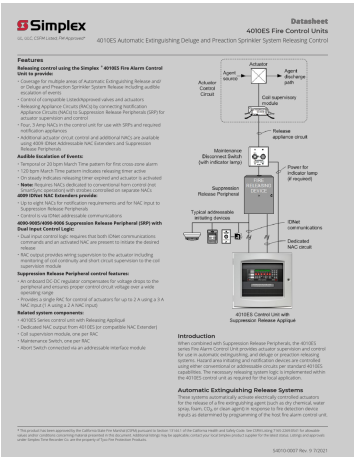

[pdf] Datasheet

4010ES Automatic Extinguishing Deluge and Preaction Sprinkler System Releasing Control Appliance Circuits NACs to Suppression Release Peripheral Wiring Reference Figure 3 *Models shown 2080 9059 9060 Maintenance Disconnect Switch with indicator lamp 9069 9070 without not 4010 0007 simplex fire en us DocumentsandMedia Features Introduction Systems Agency listings or Requirements View |||

UL, ULC, CSFM Listed; FM Approved* Datasheet 4010ES Fire Control Units 4010ES Automatic Extinguishi ... ailable when abort operation is required. When used, connect to an addressable Supervised IAM model **4090-9001** or similar addressable adapter module. The Simplex abort switch and the IAM mount in a sin...

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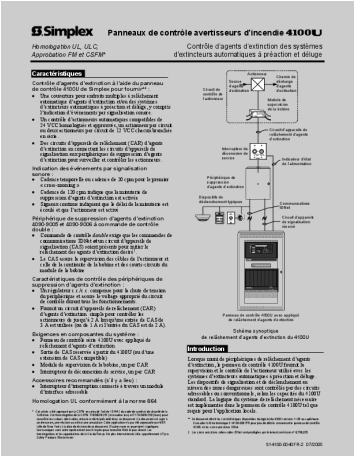

Simplex Panneaux de contrôle avertisseurs d'incendie 4100U

*Homologation UL, ULC, Approbation FM et CSFM**

Contrôle d'agents d'extinction des systèmes d'extincteurs automatiques à préaction et déluge

Caractéristiques

Contrôle d'agents d'extinction à l'aide du panneau de contrôle 4100U de Simplex pour fours**[1]

- Un convertisseur pour cartouche multiplex à relâchement automatique d'agents d'extinction relie du système d'extinction automatique à préaction et déluge, y compris du système d'extinction à gaz inerte et chimique.
- Un contrôle d'extinction automatique compatible de 24 VCC homologué et approuvé ; jusqu'à trois par circuit en deux extrémités par circuit de 12 VCC, ou sur branches en série.
- Deux circuits d'appareils de relâchement (CAR) d'agents d'extinction en cas d'un ou deux circuits d'agents d'extinction non-pyrotechniques de rechange ; d'agents d'extinction pour surveiller et contrôler les extincteurs.

Indication des événements par signalisation sonore :

- Cadence temporelle en cadence de 30 cpm pour le premier « cycle-timing »
- Cadence de 120 cpm indique que la minuterie de « cycle-timing » a atteint la fin du cycle.
- Signaux continus indiquent que le délai de la minuterie est écoulé et que l'extincteur est activé.

Périphérique de suppression d'agents d'extinction 4090-9009 et 4090-9006 à commande de contrôle double :

- Commande de contrôle double signifie que les commandes de « minuterie » (5 ou 1 min.) et un d'appareils de signalisation (CAD) sont requises pour initier le relâchement d'agents d'extinction.
- Le CAD sonne à apparition du délai de l'extincteur et celle de la continuité de la bobine et des courts-circuits du module de la bobine.

Caractéristiques de contrôle des périphériques de suppression d'agents d'extinction :

- Régulateur 1 A c. compensé pour le chute de tension du circuit de contrôle et le courant de fuite du circuit de contrôle demeurent inférieurs à 1 mA.
- Permet un circuit d'appareils de relâchement (CAR) d'agents d'extinction, simple pour contrôler les extincteurs de jusqu'à 2 A lorsque entre de CAS de 2 A et inférieur ou égal à 2 A ou inférieur du CAS et de 2 A.

Exigences en composantes du système :

- Panneau de contrôle série 4100U avec appliqué de relâchement d'agents d'extinction.
- Un module de contrôle 4100U ou de 4100U (en d'une « minuterie de CAS » supplémentaire).
- Module de supervision de la bobine, un par CAR.
- Interrupteur de déconnexion de service, un par CAR.

Accessoires recommandés (s'il y a lieu) :

- Interrupteur d'interrupteur connecté à travers un module d'interface sélectrolé.

Homologation UL conformément à la norme 864

Système synoptique de relâchement d'agents d'extinction du 4100U

Introduction

Lorsque seuls des périphériques de relâchement d'agents d'extinction, à panneau de contrôle 4100U fournit la supervision et le contrôle de l'extincteur utilisé avec les systèmes d'extincteur automatique « préaction et déluge. Les dispositifs de signalisation et de déclenchement en niveau de zones dangereuses sont contrôlés par des circuits de contrôle d'extincteur conformes à la norme NFPA 2001 standard. La logique du système de relâchement est intégrée et implémentée dans le panneau de contrôle 4100U tel que requis pour l'application locale.

* Homologation UL, ULC, approbation FM et CSFM pour des produits spécifiques. Consulter la liste des produits approuvés. Pour plus de détails, consulter le manuel de mise en service du 4100U.

1 Les lois sont les « lois » Effet antiparasitage par le biais du système « Fire Video Protection Monitoring »

S14100-0040-FR-2 07/2005

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Panneaux de contrle avertisseurs d incendie Homologation UL, ULC; Approbation FM et CSFM* Contrle ... on veut interrompre une opration. Il doit tre connect un module individuel adressable MIA modle **4090-9001** ou un module similaire d adaptation adressable. Le commutateur d interruption et le MIA d...

lang:fr score:14 filesize: 351.88 K page_count: 8 document date: 2005-07-26