# Installation Instructions

The 4193SN is a serialized two-zone expander used to connect alarm sens devices to controls that support serial number polling loop devices (e. Vista-50P, Vista-128BP and Vista-250FBP).

The ADEMCO 4193SN can be configured as one supervised zone (10K EOLR) a one unsupervised zone (normally closed devices only).

Consult the control panel installation instructions for programming information.

#### Specifications:

Physical: 2-1/2"W x ½"H x ½"D Weight: 0.8 ounces (22.7grams)

Voltage: 8-12VDC (as supplied from the Honeywell Security Control Panel V-Plex polling loop).

Input Current: 1.5mA

Operating Temperature: 14°F to 131°F (-10°C to 55°C)

Max. Relative Humidity: 93%

Max. Zone Line Impedance: 300 chms

Max. V-Plex Polling Loop Impedance: 20 ohms



#### For Fire Applications:

The 4193SN must be mounted inside the control panel or inside a UL-Listed junctic box. Loop 1 (supervised) may be used in the supervised configuration for Fire. Use Honeywell End-Of-Line resistor model number EOL100, 10K ohms, on Loop 1. Loo 1 of this module can be used with four wire smoke detectors, heat detectors and pu stations. Polling loop is Class B, Style 3.

# For UL Burglary Applications:

Loop 1 must be used in the supervised configuration for commercial Burglar Alarm systems.

For Household applications, Loop 1 is used in the unsupervised configuration or Lo 2 may be used, according to the following condition: if using an unsupervised zone the ADEMCO 4193SN, the unit must be mounted within 3 ft of the alarm initiating device, with no intervening barriers.

#### Notes:

- All circuits are power-limited.
- For dry indoor use only.
- Do not install in air-handling spaces.

# **Est Fireworks Manual**

**Michal Rosen-Zvi** 

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#### **Table of Contents Est Fireworks Manual**

- 1. Understanding the eBook Est Fireworks Manual
  - The Rise of Digital Reading Est Fireworks Manual
  - Advantages of eBooks Over Traditional Books
- 2. Identifying Est Fireworks Manual
  - Exploring Different Genres
  - Considering Fiction vs. Non-Fiction
  - Determining Your Reading Goals
- 3. Choosing the Right eBook Platform
  - Popular eBook Platforms
  - Features to Look for in an Est Fireworks Manual
  - User-Friendly Interface
- 4. Exploring eBook Recommendations from Est Fireworks Manual
  - Personalized Recommendations
  - Est Fireworks Manual User Reviews and Ratings
  - Est Fireworks Manual and Bestseller Lists
- 5. Accessing Est Fireworks Manual Free and Paid eBooks

- Est Fireworks Manual Public Domain eBooks
- Est Fireworks Manual eBook Subscription Services
- Est Fireworks Manual Budget-Friendly Options
- 6. Navigating Est Fireworks Manual eBook Formats
  - ∘ ePub, PDF, MOBI, and More
  - Est Fireworks Manual Compatibility with Devices
  - Est Fireworks Manual Enhanced eBook Features
- 7. Enhancing Your Reading Experience
  - Adjustable Fonts and Text Sizes of Est Fireworks Manual
  - Highlighting and Note-Taking Est Fireworks Manual
  - Interactive Elements Est Fireworks Manual
- 8. Staying Engaged with Est Fireworks Manual
  - Joining Online Reading Communities
  - Participating in Virtual Book Clubs
  - Following Authors and Publishers Est Fireworks Manual
- 9. Balancing eBooks and Physical Books Est Fireworks Manual
  - Benefits of a Digital Library
  - Creating a Diverse Reading Collection Est Fireworks Manual
- 10. Overcoming Reading Challenges
  - Dealing with Digital Eye Strain
  - Minimizing Distractions
  - Managing Screen Time
- 11. Cultivating a Reading Routine Est Fireworks Manual
  - Setting Reading Goals Est Fireworks Manual
  - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Est Fireworks Manual
  - Fact-Checking eBook Content of Est Fireworks Manual
  - Distinguishing Credible Sources
- 13. Promoting Lifelong Learning
  - Utilizing eBooks for Skill Development

- Exploring Educational eBooks
- 14. Embracing eBook Trends
  - Integration of Multimedia Elements
  - Interactive and Gamified eBooks

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