

N-ANN-I/O LED Driver Module

General

The N-ANN-I/O is an LED driver module that can be used in a wide variety of applications including as an interface with the Fire Alarm Control Panel (FACP) to drive most customized graphic annunciators. It comes in a plastic enclosure that may be mounted inside a custom annunciator or accessory cabinet and can drive up to 40 LEDs.

The N-ANN-I/O and the FACP communicate over a two-wire serial interface employing the ANN-Bus communication format. An additional two wires are used for 24-volt DC power. A single four-conductor unshielded cable may be used for both power and data communications.

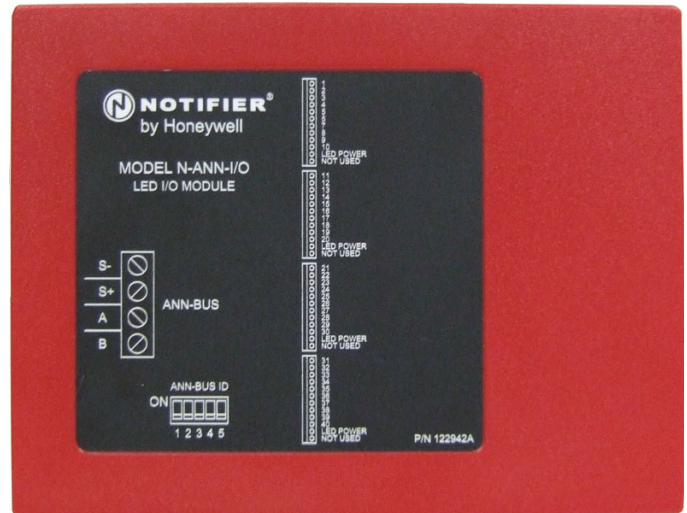
Up to eight ANN-Bus devices may be connected to the ANN-Bus of each FACP.

Features

- N-ANN-I/O connects to the ANN-Bus terminal on the FACP and requires minimal programming
- Each N-ANN-I/O module drives up to 40 LEDs
- Programmable to indicate activity for points or zones
- Compatible with the NFW-100X, NFW-50X, NFW2-100, NFW-50, RP-2001, RP-2002, SFP-5UD, and SFP-10UD
- Can be remotely located up to 6,000 feet (1,829 m) from the panel
- May be powered by 24 VDC from the host FACP or by remote power supply (requires 24 VDC)
- Up to eight ANN-Bus devices may be connected to the ANN-Bus of each FACP

Specifications

- Maximum ANN-Bus Voltage: 24 VDC
- Maximum Current:
 - **Alarm:** 200 mA, **Standby:** 35 mA, **Each LED:** 10mA
- Maximum wiring distance from FACP: 6000 ft. (1829 m.)
- Ambient Temperature: 32°F to 120°F (0°C to 49°C)
- Relative Humidity: 93% ± 2% RH (non-condensing) at 32°C ± 2°C (90°F ± 3°F)
- For use indoors in a dry location
- Connections to FACP are power-limited and supervised
- External measurements: 6.00" (15.2 cm.) high x 7.76" (19.7 cm.) wide x 1.46" (3.7 cm.) deep



Agency Listings and Approvals

The listings and approvals below apply to the N-ANN-I/O. In some cases, certain modules may not be listed by certain approval agencies, or listing may be in process. Consult factory for latest listing status.

- **UL:** S635
- **CSFM:** 7120-0028:0242
- **MEA:** 442-06-E Vol. 2

The ANN-Bus

POWERING THE DEVICES ON THE ANN-BUS FROM AUXILIARY POWER SUPPLY

ANN-Bus devices can be powered by an auxiliary power supply when available panel power is exceeded. See FACP manual for information.

ANN-BUS DEVICE ADDRESSING

Each ANN-Bus device requires a unique address (ID Number) in order to communicate with the FACP. A maximum of eight devices can be connected to the FACP ANN-Bus communication circuit. See the FACP manual for more information.

NOTIFIER
12 Clintonville Road
Northford, CT 06472
203.484.7161
www.notifier.com



This document is not intended to be used for installation purposes.
We try to keep our product information up-to-date and accurate.
We cannot cover all specific applications or anticipate all requirements.
All specifications are subject to change without notice.

NOTIFIER® is a registered trademark of Honeywell International Inc.
©2018 by Honeywell International Inc. All rights reserved. Unauthorized
use of this document is strictly prohibited.
Country of Origin: USA

