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4101SN

Addressable V-Plex Single Output Relay Module

FEATURES

The ADEMCO 4101SN V-P
ADEMCO control panels th
The 4101SN features the f

- Form C relay contacts r

The position of the relay is
Note: Some panels may n

- One class B/style B EO
- Operating power and c loop.
- Electronics mounted in
- Suitable for residential

SPECIFICATIONS

Physical:
Width: 2-1/8- (53mm) Heig

Electrical:
Polling loop input voltage range: 8-14VDC addressable polling loop current draw: 7mA (continuous) Relay contact rating: 2A @ 28VAC/VDC, both resistive and inductive loads

Aux Zone:

- 10k EOLR (internal when white jumper intact: external when white jumper cut)
- 300 ohm max zone resistance (excluding' EOLR)
- Responds to open or short circuit fault having 250mSec or longer duration
- Class B (style B when used with panels providing earth ground fault detection)

AGENCY LISTINGS

- UL985 Household Fire
- UL1023 Household Burglary
- UL609 Commercial Burglary
- UL864 Commercial Fire
- CSFM (pending)
- FM (pending)
- MEA (pending)

MOUNTING INSTRUCTIONS

1. Remove the case cover by first removing the screw.
2. Fasten the case back to the wall with three #6 screws (not supplied) through the case back. (See Figure 1. on back page)
3. The wall surface must be flat and substantially vibration-free.

WIRING INSTRUCTIONS

1. Run the wiring through the access slots in the case back and connect at the appropriate terminal block screw(s).

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2. Make wiring connecti
white jumper intact, tl
be used, and these de
commercial installatio
equivalent.

Figure 1

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control panel so that the panel can communicate with it. Each 4101SN (if there is more than one connected to the addressable polling loop) is enrolled one at a time. The following steps outline the general procedure for how this is done. Refer to the control panel's Installation Instructions for additional information.

1. Enter the panel's Programming mode.
2. Enter Zone Programming mode.
   - Assign a unique zone number and a non-zero zone response type to the 4101SN. This zone willbe used to annunciate aux zone faults, communication problems, and cover tamper faults for this 4101SN.
   - Select Input Type = "06" (for serial number polling loop device), V-Plex Relay = "Yes" and Loop # = "1" for this zone.
   - Select the Learn S/N = "Yes" option. Remove the enclosure cover (or short the aux zone) to cause the 4101SN to send its serial number to the panel. The panel will acknowledge receipt of the serial number and will require the cover to be replaced (or the aux zone to be restored) to confirm that the serial number was enrolled correctly.

The cover tamper feature must be used in commercial installations when the 4101SN is not mounted inside the panel's enclosure, and must be enabled at the control panel (program field •24=0 on most controls).3. Enter Relay Programming mode.

- Assign a unique 2-digit relay number "XX" and then assign relay start/stop activation options to the 4101SN.
- Select Relay Type = "0" (for V-Plex relay) and then enter the zone number selected in Zone Programming as the VPlex Zone Number. The panel will1 annunciate relay activation problems as well as communication problems and cover tamper faults for this 4101SN on system zone 6XX where "XX" is the selected relay number. Generally, the panel's default response for all such system zones is 24-hour trouble (type 19). If desired, this may be changed using the panel's Zone Programming mode.

Repeat the above procedure for each 4101SN in the system.

Ordering Information

Part No.	Description
4101SN	V-Plex Single Output Relay Module

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