**FEATURES**

The ADEMCO 4101SN V-Plex® Single Output Relay Module can be used with control panels that support V-Plex Polling Loop devices, e.g. VISTA-128FBP (refer to the instructions for the control).

The 4101SN features the following:
- Form C relay contacts rated at 2A, Resistive 28VAC/VDC with contact supervision.

**INSTALLATION AND SETUP GUIDE**

**WIRING INSTRUCTIONS**

1. Run the wiring through the access slots in the case back and connect at the appropriate terminal block screw(s).
2. Make wiring connections as shown in Figure 1.

**MOUNTING INSTRUCTIONS**

1. Remove the case cover by first removing the screw. (See Figure 1.)
2. Fasten the case back to the wall with three #6 screws (not supplied) through the case back.

**UL**

- For dry, indoor use only. Do not install in air-handling spaces.
- For Commercial Burglary installations, the 4101SN must be tamper protected or mounted in a tamper-protected cabinet. In Commercial Fire applications, the module cannot be mounted inside the control unit’s cabinet, but can be mounted externally either in its plastic housing or in a separate metal cabinet.

1. Enter Relay Programming mode.
2. Select Relay Type = “0” (for V-Plex relay) and then assign relay start/stop activation options to the 4101SN.

**PANEL PROGRAMMING INSTRUCTIONS**

The 4101SN Module's serial number must be enrolled in the control panel so that the panel can communicate with it. Each 4101SN (if there is more than one connected to the 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.
3. Enter the panel's Programming mode.
4. Select Input Type = “06” (for serial number polling loop device), V-Plex Relay = “Yes” and Loop # = “1” for this zone.
5. 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.

**UL**

The cover tamper feature must be used in commercial burg 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).
panel will annunciate relay activation problems as well as communication problems and cover tamper faults for this 4101SN on system zone 4XX 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.

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

SPECIFICATIONS
Physical: Width: 2-1/8" (53mm) Height: 3-1/4" (84mm) Depth: 1" (25mm)

Electrical:
Polling loop input voltage range: 8-12VDC
Polling loop current draw: 7mA (continuous)
Relay contact rating: 2A @ 28VAC/VDC, resistive 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 faults having 250mSec or longer duration
- Class B (style B when used with panels providing earth ground fault detection)
- For UL Commercial Fire Applications, must be used as N.O. zone and white jumper must be cut

AGENCY LISTINGS
- UL864 Commercial Fire
- UL985 Household Fire
- UL1023 Household Burglary
- UL609 Commercial Burglary
- CSFM
- FM
- MEA

WARRANTY
For the latest warranty information, please go to: http://www.honeywell.com/security/hsc/resources/wa/

Figure 1: 4101SN V-Plex Single Output Relay Module

SEE THE CONTROL PANEL’S INSTALLATION INSTRUCTIONS FOR COMPLETE INFORMATION REGARDING LIMITATIONS OF THE ENTIRE SECURITY SYSTEM.

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