

# 4190SN



### Addressable V-Plex Two-Zone Expander Module

#### FEATURES

The ADEMCO 4190SN addressable V-Plex™ module is a two-zone expander which allows use of the available expansion zones provided by ADEMCO controls that support V-Plex devices. The 4190SN consists of two detection loops, known as the left (primary) and right (secondary) loops. The left loop can be used for:

- ◆ Closed-circuit devices with or without EOLR supervision.
- ◆ Open-circuit devices, with EOLR supervision.
- ◆ Fast-response (10 millisecond) devices.

Follow the chart below for cutting the correct jumpers and choosing the correct resistor when using the left loop. The right loop can be used for:

- ◆ Closed-circuit devices only.
- ◆ Has no EOLR supervision.
- ◆ 400 millisecond response time

The jumpers do not affect the operation of the right loop. The right loop cannot be used alone.

#### Supervision:

The tamper/supervision response of the 4190SN is determined by the zone response type assigned to the left loop zone. While the system is armed, tamper/supervisory faults will report as alarms if the left loop zone is assigned a burglary response type and will report as troubles if the left loop zone is assigned a non-burglary response type (i.e., fire, panic, aux). While the system is disarmed, tamper/supervisory will always report as troubles.

#### SPECIFICATIONS

##### Physical:

Width: 2-1/8" (53mm)  
Height: 3-1/4" (81mm)  
Depth: 1" (25mm)

##### Electrical

Voltage input: 8-11VDC  
Current drain: 2mA  
Max. loop wire run: 100'  
Max wire gauge: 18 awg

#### AGENCY LISTINGS

- ◆ UL Listed for Commercial

## 4190SN

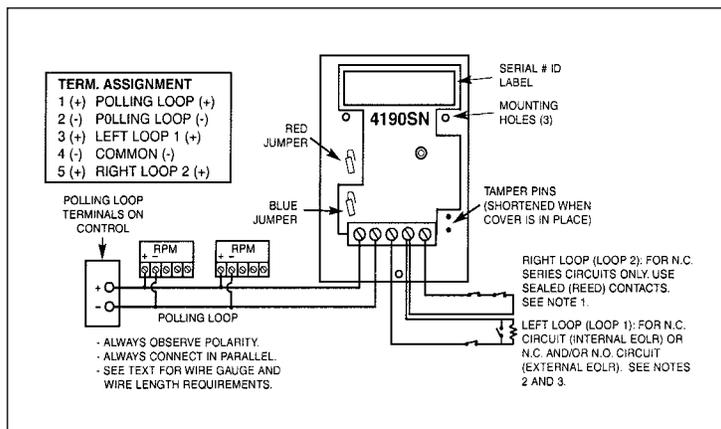
### Programming notes

Program the unit like any other zone, according to the alarm control's installation instructions. Enter the following information when prompted for in programming:

- ◆ "INPUT TYPE" = "6" (SL—Serial Number Device)
  - Left Zone = Loop 1
  - Right Zone = Loop 2

### UL notes

- ◆ The right loop may not be used for Commercial Fire or UL Commercial Burglary installations.
- ◆ For Commercial Fire usage: Use N.O. contacts on the left loop. Supervise (style B) this loop using Model #610-11 Fire Listed 10K ohm EOLR (purchased separately as part of the 4100 EOLR resistor kit).
- ◆ For UL Commercial Burglary Usage: Use N.O. or N.C. contacts on the left loop. Supervise using the 10k ohm EOLR supplied.



JUMPERS	USAGE (APPLIES TO LEFT ZONE - LOOP 1) ONLY
RED	Cut for fast response (10msec.)
BLUE	Cut for use with no EOLR (closed-circuit only). Doing this automatically puts an internal 10K ohm resistor in series with the zone
NONE CUT	Use the 10K ohm resistor provided, with switches in either an open-circuit or closed-circuit configuration. 4190SN draws 2mA from the polling loop in this mode.

### Ordering Information

Part No.	Description
4190SN	V-Plex Module