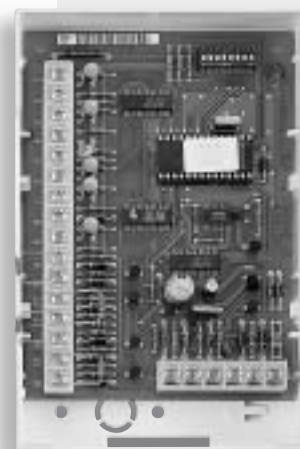
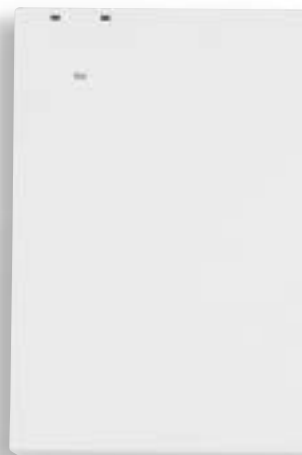


4208SNF

The ADEMCO 4208SNF Remote Point Module (RPM) is a UL listed 8 zone expander that provides (6) class B and (2) class A expansions zones to any Vista Fire/Burg control panel that supports serial V-Plex polling loop devices.



Addressable Universal Expander Module

FEATURES:

- Can be used on controls that support up to 250 zones
- Provides up to six Class B supervised zones using external 10k EOL resistors and two Class A supervised zones using built-in 10k EOL resistors
- Powered from addressable loop or optionally powered from an external DC power supply to reduce current draw from the addressable loop
- Each zone is identified by a unique serial number, which is assigned via on-board DIP switches
- Detects faults on all zones with 400msec of occurrence. Two Class B zones can be optionally set for fast (10msec) response via on-board DIP switches

- Provides cover tamper protection, which may be enabled or disabled via on-board DIP switches

Class B to Class A Zone Converter Features

- Allows up to two Class B control panel zones to be converted into Class A zones
- Control panel's response time to faults on the module's Class A zones is equal to the response time of the control panel's converted Class B zones plus one msec
- Must be powered from an external 12vdc power supply such as the 12v auxiliary power output on the control panel

4208SNF

SPECIFICATIONS:

Physical

Width: 6-7/16" (163mm), Height: 4-1/4" (108mm), Depth: 1-1/4" (32mm), Weight:

Electrical

Used as a Zone Expander

– Addressable V-Plex loop Voltage:

11v nominal; 8.7 - 14VDC range – Current 33.6mA when polling loop provides power to module; 0.6mA when 12VDC input provides power to module

– 12VDC Input Voltage:

12V nominal; 9.4 - 14 VDC range – Current: 33mA when this input provides power to module (optional)

Used as a Class A Converter

– 12VDC Input Voltage:

12VDC nominal, 9.4 - 14VDC range, – Current: 22mA

AGENCY LISTINGS

- UL985 Household Fire
- UL1023 Household Burglary
- UL609 Commercial Burglary
- UL864 Commercial Fire
- CSFM
- FM
- CUL
- CE (requires part#N6361)

MOUNTING INSTRUCTIONS

When used as a zone expander, the 4208SNF may be placed inside the control panel cabinet or mounted remotely. When used as a Class B to Class A zone converter, the 4208SNF must be placed inside the control panel cabinet.

EXPANDER SENSOR LOOP RESPONSE:

- Slow: 400msec (all loops)
- Fast: 10msec (options for loops A and B)

EXPANDER SENSOR LOOP CURRENT

- 0.52mA (normal)
- 1.3mA_ (shorted)

Note: Addressable loop input = 11VDC, no external power input required

SENSOR LOOP MAX. RESISTANCE:

- Loops A - F (Class B); Up to 300 ohms of wire resistance + 10k EOLR
- Loops G, H (Class A); Up to 150 ohms of wire resistance on each side

**Addressable
Universal
Expander
Module**

CURRENT DRAW CALCULATIONS:

Power Input Source	Expander/Converter	Current Draw from Addressable Loop (all zones shortened)	Current Draw from External Power (all zones shortened)
Addressable Loop Only	Expander	33.6 mA	N/A
Addressable Loop and External Power Input	Expander	0.6 mA	33 mA
External Power Only	Converter	N/A	22 mA

ORDERING:

Part No. Description

4208SNF Universal Class/B Expander Module

165 Eileen Way, Syosset, NY 11791

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