

**The Addressable Multiplexed Loop (AML) provides the ultimate in simple, flexible and affordable zone expansion.** Save time and money by connecting any addressable detector anywhere on the two-wire AML loop to create up to 128 addressable zones. Addressable contact modules (AMP-700 series) use a two-wire connection to the control panel to help reduce installation time and cost. The low current draw of the modules helps maximize the number of devices that can be attached to an addressable loop. To monitor both alarm and tamper states, the modules incorporate a magnetic contact and an internal tamper.



## Product Features:

- ▶ No more long wire runs back to the main control panel or expander module for each zone
- ▶ Each module is assigned a specific zone number for individual point identification, making service easy
- ▶ All detectors are engineered to require extremely low current (some as low as 0.8 mA each)
- ▶ All 128 zones of the MAXSYS® control panel can be programmed as addressable
- ▶ Addressable zone support (up to 32) can be added to either the Power832® or Power864™ control panels with the addition of the PC5100 addressable zone expander

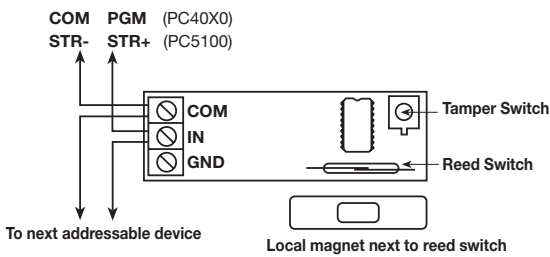
# DSC Addressable Contact Modules



## AMP-700 Door/Window Contact with Built-in Reed Switch

The AMP-700 has a magnetic contact and an internal tamper switch that monitors both the alarm and tamper states.

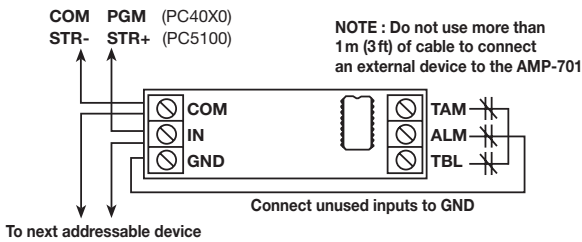
Current Rating ..... 0.8 mA



## AMP-701 Door/Window Contact with Normally Closed Input

The AMP-701 has three alarm input terminals to which an external device can be connected. The terminals monitor alarm, tamper and trouble states.

Current Rating ..... 0.8 mA



## AMP-701NP\* Universal Addressable Point Module

The AMP-701NP is a more compact version of the standard AMP-701 and is available without the plastic enclosure. Primarily, the module is used to make any detection device (with dry contacts) "addressable" and compatible with DSC addressable security systems, namely MAXSYS and PowerSeries.

Current Rating ..... 0.8 mA

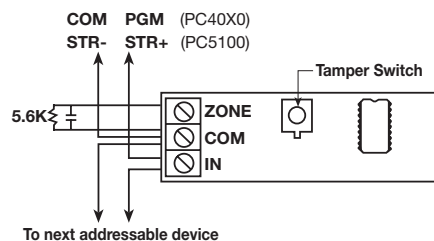
\*The AMP-701NP has not been UL/ULC or CE approved. Check with your local distributor for availability.



## AMP-702 Fire Point Module with Normally Open, EOL Resistor Supervised Input

The AMP-702 has a single EOL 5.6 KW supervised loop that monitors normally open contacts only. An open circuit on the loop initiates a trouble and a short initiates an alarm. The AMP-702 contains an internal tamper switch to monitor tamper conditions.

Standby Current ..... 1.1 mA  
Current in Alarm ..... 1.6 mA



# AMP-700 Series



## AMP-704/AMP-704F

### 4-Zone Door/Window Contacts with Normally Closed, Single or Double EOL Inputs

The AMP-704 allows for the connection of non-powered or externally powered hardwired devices to the AML loop. The four inputs and cover tamper can be individually enrolled as zones on the control panel. The module is jumper-selectable for either N/C loops, SEOL, or DEOL resistors. Also available is the AMP-704F, a 4-zone normally open fire input module.

Voltage .....	12 V
Current Draw .....	3.4 mA (Max)
	(Burg configuration)
	6.7 mA (Max)
	(Fire configuration)
Loop Resistance .....	100 Ohm (Max)
Normal Loop Response .....	400 ms.

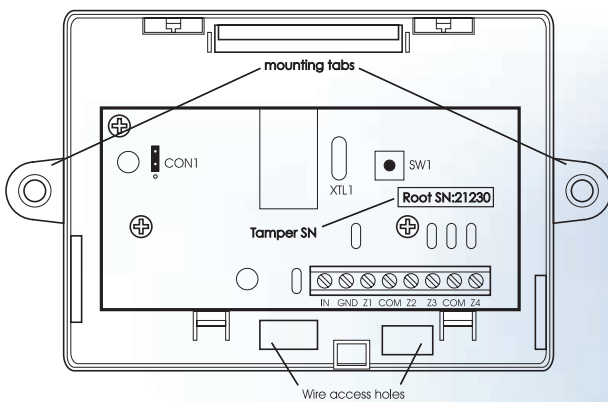


## AMX-400

### Addressable Loop Repeater/ Isolator Module

The AMX-400 extends the allowable wiring distance of the addressable loop and isolates addressable devices, limiting the effect of short circuits. The AMX-400 can be powered from the auxiliary power of the control panel or from an independent power supply. A maximum of four AMX-400 modules can be wired in a series.

Dimensions .....	3 5/8" (L) x 1 3/4" (W)
	(92 mm x 44 mm)
Operating Current .....	.40 mA
Supply Voltage .....	12 Vdc (Min)



## Compatibility

The AMP-700 series is compatible with the following control panels:

AMP-700 .....	PC4010/PC4020 v3.0
AMP-701 .....	PC4010/PC4020 v3.0 PC5010/PC5015 v2.0 (requires PC5100 addressable zone expander)
AMP-701NP .....	PC4010/PC4020 v3.0 PC5010/PC5015 v2.x (requires PC5100 addressable zone expander) PC5020 v3.2+ (requires PC5100 addressable zone expander)
AMP-702 .....	PC4010CF/PC4020CF v3.0 PC5010/PC5015 v2.0 (requires PC5100 addressable zone expander)
AMP-704/AMP-704F .....	PC4020/PC4020CF v3.0+ PC5010 v2.0+ PC5015 v2.2+ PC5020/PC5015 v3.0+ (requires PC5100 addressable zone expander)
AMX-400 .....	PC4020 v3.0+ PC5010 v2.0+ (requires PC5100 addressable zone expander) PC5020 v3.1+ (requires PC5100 addressable zone expander)



## Specifications Common to AMP-700 Series

Dimensions\* ..... 1.1" (H) x 3.4" (W) x 0.75" (D)  
(27 mm x 85 mm x 19 mm)

\* AMP-701NP is available without the plastic enclosure

Operating Environment ..... 32° to 120° F  
(0° to 49° C)

### Ordering Information:

AMP-700 .....	Door/Window Contact with Built-in Reed Switch
AMP-701 .....	Door/Window Contact with Normally Closed Input
AMP-701NP .....	Universal Addressable Point Module
AMP-702 .....	Fire Point Module with Normally Open, EOL Resistor Supervised Input
AMP-704 .....	4-Zone Door/Window Contacts with Normally Closed, Single or Double EOL Inputs
AMP-704F .....	4-Zone Normally Open Fire Input Module
AMX-400 .....	Addressable Loop Repeater/Isolator Module