SuperBus 2000 8Z Input Module

OVERVIEW

The SuperBus 2000 8 Zone Input Module expands the versatility of Concord® panels by adding eight hardwire input zones for conventional hardwire devices. You can connect multiple modules to a single Concord panel for up to 96 input points.

Both normally open and normally closed devices can be wired to an input module. The module monitors all zones and alerts the panel if there is an open/short circuit by using a 2.0K ohm end-of-line (EOL) resistor on each loop input.

For additional security, a magnetic reed switch can be added and connected to one of the module input zones to provide module tamper protection.

The input module comes with eight 2.0K ohm EOL resistors and mounting hardware (screws and anchors). Power for the module is provided by the panel.

The SuperBus 2000 digital data bus technology provides fast and reliable data transfer to the panel and allows either automatic or manual module bus addressing.

STANDARD FEATURES

- Eight style A (Class B) fire-rated hardwire zones per module
- Optional module tamper protection available
- On-board power and bus status LED indicators
- SuperBus 2000 technology for easy setup and enhanced performance
- Backward compatibility with non-SuperBus 2000 panels and systems (via dipswitch)
- Can be mounted in all compatible cabinet enclosures

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Specifications

Compatibility	All Concord® security panels
Power Required	8.5 to 14.2VDC (12VDC nominal), 35mA maximum (from panel)
Panel Data Bus	SuperBus 2000 auto addressing digital data bus
	Locate up to 4000 feet from the panel

Wire Recommendation

Commercial	Use 4-conductor, 18-gauge or larger
Residential	Use 4-conductor, 22-gauge or larger
Screw Terminals	Accepts up to 12 AWG wiring
Inputs	Zone Inputs: Eight style A (Class B) supervisable hardwire zones

Environmental

Operating temperature	32° to 140°F (0° to 60°C)
Storage temperature	-30° to 140°F (-34° to 60°C)
Maximum Humidity	90% relative humidity, noncondensing

Physical Description

Color	Belgian gray
Case Material	High-Impact, ABS plastic
Dimensions (LxWxD)	5.25 x 4.125 x 1.0 in. (13.3 x 10.5 x 2.5 cm)
Installation	Wall or in cabinet mounting

Approvals/Listings

	FCC Part 15
	UL 365: Police Station Connected Burglar Alarm Units and Systems
	UL 609: Local Burglar Alarm Units and Systems
	UL 985: Household Fire Warning System Units
	UL 1023: Household Burglar Alarm System Units
	UL 1610: Central Station Burglar Alarm System Units
	UL 1635: Digital Alarm Communicator Systems Units
	Complies with NFPA 72 for National Fire Alarm Code
	CSFM California State Fire Marshall (applied for)

Ordering Information

60-774	SuperBus 2000 8Z Input Module

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