



SuperBus[®] 2000 8Z Input Module

Overview

The SuperBus 2000 8 Zone Input Module expands the versatility of compatible panels by adding eight hardwire input zones for conventional hardwire devices.

On Advent[®] systems, you can connect multiple input modules to a single panel for up to 250 input points. On Concord[™] security systems, you can add input modules for up to 76 input points. On UltraGard[®] security systems and Advent Access 1251e access point managers, you can connect up to eight input modules to a single panel for up to 64 input points.

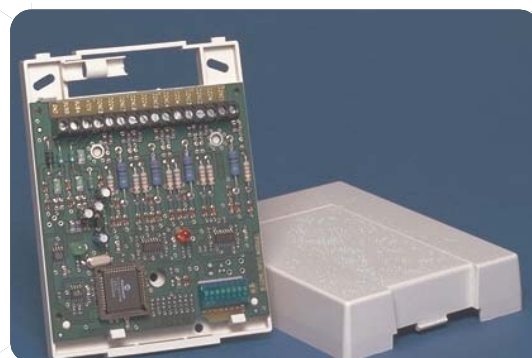
Both normally open and normally closed devices can be wired to an input module. The module monitors all zones and alerts the panel if there is an open/short circuit by using a 2.0K ohm end-of-line (EOL) resistor on each loop input.

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. For UL864 applications, fire and security initiating devices must not be mixed on the same module.

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.

Input response times may be adjusted via panel control (Advent compatible only).



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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Ordering Information

Main Product Offering	Part Number
SuperBus 2000 8Z Input Module	60-774
Literature	Part Number
SuperBus 2000 8Z Input Module Installation Instructions	466-1606

Technical Specifications

Compatibility

- All Advent panels, UltraGard and Concord security panels, and Advent Access 1251e Access Point Managers, Version 4.0 or later, in PMode

Power Required

- 8.5 to 14.2 VDC (12 VDC nominal), 35 mA maximum (from panel)

Panel Data Bus

- SuperBus 2000 auto addressing digital data bus
- Locate up to 4000 feet from the Advent panel

Wire Recommended

- 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° F to 140° F (0° to 60° C)
- Storage Temperature: -30° F 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: 5.25 in. (13.3 cm) x 4.125 in. (10.5 cm) x 1.0 in. (2.5 cm) (L x W x D)
- 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 864: Control Units for Fire Protective Signaling 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
- UL 1637: Home Health Care Signaling Equipment
- Complies with NFPA 72 for National Fire Alarm Code
- CSFM California State Fire Marshall (applied for)



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