

DS7460i Dual Zone Input Module

Prod. ID	DS7460i
----------	---------



The DS7460i is a Dual Zone Input Module designed to operate with compatible multiplex systems. It is DIP switch programmable and provides two supervised input zones for connection of conventional normally open (N/O) or normally closed (N/C) contacts. Each DS7460i occupies two multiplex zone addresses on the system and can monitor up to two separate zones. The DS7460i connects to Detection Systems' DS7430 or DS7436 Multiplex Expansion Modules or Bosch Security Systems' D8125MUX Multiplex Expansion Module.

■ Features

- Supervises two protection loops
- Can be used in UL Listed fire and security applications
- DIP switch programmable

■ Basic Functions

Supervises two protection loops

The two protection zones are designed to monitor N/O or N/C dry contacts. They are supervised using 47-k Ω end-of-line (EOL) resistors.

Zone 1 may be used as a magnetic contact by mounting a magnet in conjunction with the reed switch and removing the EOL resistor for Zone 1. Zone 1 may not be used as a magnetic contact and used to monitor other contacts at the same time.

■ Approvals

UL Standards	UL365, Police Station Connected Burglar Alarm Units and Systems
	UL464, Audible Signaling Devices
	UL609, Local Burglar Alarm Units and Systems
	UL864, Control Units for Fire-Protective Signaling Systems
	UL985, Household Fire Warning System Units
	UL1023, Household Burglar-Alarm System Units
	UL1610, Central-Station Burglar-Alarm Units
	UL1635, Digital Alarm Communicator System Units

Approval **CE**

■ Planning

Fire Applications

For UL Listed fire installations, Normally Open (N/O) contacts must be used. For fire installations, order Multiplex Fire Zone EOL (P/N: 28010) in the quantity needed.

Wiring

The recommended wiring to the control is standard #18 AWG (1.2 mm) or #22 AWG (0.8 mm) quad (4-wire) cable. Do not use shielded cable.

The length of the wiring connected to the protection loop (and tamper loop) on the DS7460i must be less than 250 ft. (76 m).

■ Technical Specifications

Environmental Considerations	
Temperature (Operating):	32°F to +122°F (0°C to +50°C)
Power Requirements	
Current Draw:	1 mA standby and alarm
Voltage (minimum):	8 VDC peak
Zones	
Requirements:	Two multiplex addresses
Response Time:	400 ms

■ Hardware Options

26069 Multiplex Zone EOL

47 k Ω End-Of-Line Resistor for terminating protection loops in non-fire applications.

28010 Multiplex Fire Zone EOL

47 k Ω End-Of-Line Resistor for terminating protection loops in fire applications.