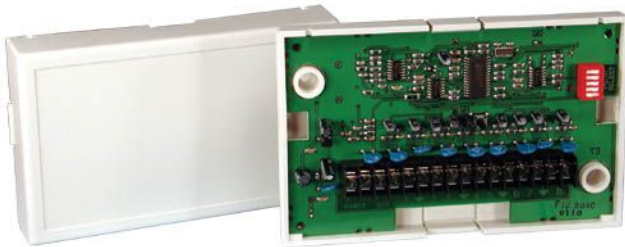




DS7432 Series Eight-input Remote Modules



- ▶ Address up to eight input loops
- ▶ Serial dual end-of-line (EOL) wiring with tamper status (DS7432E)

The DS7432 Series Eight-input Remote Modules include the DS7432 and the DS7432E. Both modules address up to eight input loops of conventional contacts to the multiplex bus of the control panel. The DS7432E has an additional serial dual end-of-line (EOL) wiring configuration. The DS7432E addresses up to sixteen input contacts (alarm and tamper for each loop). The DS7432 uses one 47 k Ω resistor per input. The DS7432E uses 22 k Ω + 47 k Ω per input.

Certifications and Approvals

Model	Certifications and Approvals
DS7432	UL AMCX: Central Station Alarm Units (UL1610) UL AOTX: Local Alarm Units (UL609) UL APAW: Police Station Alarm Units (UL365) UL NBSX: Household Burglar Alarm System Units (UL1023) UL UOXX: Control Unit Accessories, System (UL864) UL UTOU: Control Units and Accessories-Household System Type (UL985) CE

Model	Certifications and Approvals
DS7432E	CE

Installation/Configuration Notes

Compatibility Information

The DS7432 Series modules can only connect to the following control panels with an attached multiplex expansion module.

Control Panels	D9412GV2 Control Panel D7412GV2 Control Panel D9412G Control Panel D7412G Control Panel DS7400XiV4 Control Panel DS7400Xi Control Panel
Multiplex Modules	D8125MUX Multiplex Bus Interface DS7430 Multiplex Expansion Module DS7436 Multiplex Expansion Module

Note The DS7432E is compatible with the D9412GV2, D9412G, D7412GV2, and D7412G when the PCB jumper is set to DS7432 mode.

Number of Modules

The number of DS7432 Series Modules connected to a system depends on the control panel.

Control Panel	Number of Multiplex Expansion Modules
DS7400Xi	Up to 15
DS7400XiV4	Up to 30
D9412GV2, D9412G	Up to 30
D7412GV2, D7412G	Up to 8

Wiring

Refer to the multiplex expansion module's reference guide for multiplex wiring requirements.

Maximum Impedance: 4.05 Ω at +20°C (+68°F) nominal

Distance (approximate)	Size
76 m	0.65 mm
193 m	1.02 mm
250 ft	22 AWG
600 ft	18 AWG

The recommended wiring to the control panel is quad (four-wire) cable. Do not use shielded or twisted pair cable.

Note If used in fire applications, 18 AWG wire is required.

Parts Included

Quantity	Component
1	Eight-input remote module
1	Literature pack

Technical Specifications

Circuit Parameters

Initiating Device Type: Class B, Style A

Signaling Line Circuit Type: Class B, Style 4

Environmental Considerations

Temperature (operating): 0°C to +50°C (+32°F to +122°F)

Power Requirements

Current Draw: 10 mA maximum

DS7432 EOL Resistor: 47 k Ω

DS7432E EOL Resistor: 22 k Ω +47 k Ω per input

Voltage: 12 VDC nominal

Ordering Information

DS7432E Eight-Input Remote Module DS7432E

Includes serial dual end-of-line (EOL) wiring configuration. Addresses up to sixteen input contacts (alarm and tamper for each loop).

DS7432 Eight-Input Remote Module DS7432

Addresses up to eight input loops of conventional contacts to the multiplex bus of the control panel.

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