

DS7457iE Single-zone Input Module

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- ▶ Power-limited and supervised input zones
- ▶ Compact enough to fit within most backboxes and enclosures
- ▶ Address settings through DIP switches

The DS7457iE is a Single-zone Input Module designed for intrusion applications. It has a dual-resistor supervised input zone for connecting normally-open (NO) or normally-closed (NC) contacts. The DS7457iE controls the contacts using 22 kΩ+47 kΩ resistors for serial dual end-of-line (EOL) wiring. Each DS7457iE operates with compatible multiplex expansion modules and occupies one multiplex zone address on the system.

Certifications and approvals

Region	Certification
Europe	CE 2004/108/EC EMC Directive (EMC), 2006/95/EC Low-Voltage Directive (LVD)

Installation/configuration notes

Compatibility Information

Control Panels	DS7400Xi Control Panel
Multiplex Modules	DS7430 Multiplex Expansion Module DS7436 Multiplex Expansion Module

Wiring Considerations

Refer to the intended control panel's installation guide for multiplex wiring requirements. The recommended wiring to the control panel is four-wire 0.8 mm cable. Do not use shielded or twisted pair cable.



Notice

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

Technical specifications

Environmental Considerations

Temperature (Operating): 0°C to +49°C

Power Requirements

Current Draw: 0.5 mA Standby and alarm

Voltage (Operating): 8 VDC peak (minimum)

Circuit Parameters

Zone Response Time: 400 ms

Ordering information

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Designed for intrusion applications. Includes a dual-resistor supervised input zone for connecting normally-open (NO) or normally-closed (NC) contacts.
Order number **DS7457iE**

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