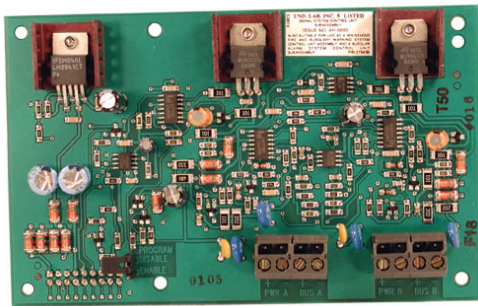


# DS7436 Multiplex Expansion Module

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The DS7436 is a two-loop Multiplex Expansion Module for use with the DS7400Xi Series Control Panels. It connects directly to the DS7400Xi board and provides a two-wire multiplex bus for the connection of up to 120 remote points. Each bus is isolated to so that failure in one bus will not cause failure in the other.

## Certifications and approvals

Region	Certification
Europe	CE 2004/108/EC EMC Directive (EMC), 2006/95/EC Low-Voltage Directive (LVD) EN 55022:2006; EN61000-3-2:2006; EN 61000-3-3:1995 & A1:2001 & A2:2005; EN 50130-4:1995 & A1:1999 & A2:2003; EN 60950-1:2006
Belgium	INCERT B-509-0005

## Installation/configuration notes

### Compatibility Information

Control Panels DS7400Xi Series

### Powering Modules and Detectors

The Bus Power output is for connection of separately powered multiplex devices, such as the DS7432 Eight-input Remote Module. If using separate powered detectors, they should be powered from the auxiliary power terminals of the control panel.

### Wiring

Up to 610 m (2000 ft) of 0.8 mm (22 AWG) or 1525 m (5000 ft) of 1.2 mm (18 AWG) wire may be used for the multiplex loop. Do not use shielded cable. Do not share cable with the keypad lines.

## Technical specifications

### Outputs

Current (DC Bus):	200 mA per bus
Current (MUX Bus):	75 mA per bus

### Power Requirements

Current Required:	130 mAh Standby or Alarm
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**Ordering information**

**DS7436 Multiplex Expansion Module**

Dual multiplexer.

Order number **DS7436**

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