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 so that failure in one bus will not cause failure in the other.

**Certifications and approvals**

<table>
<thead>
<tr>
<th>Region</th>
<th>Certification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Europe</td>
<td>CE</td>
</tr>
<tr>
<td>Belgium</td>
<td>INCERT</td>
</tr>
<tr>
<td></td>
<td>B-509-0005</td>
</tr>
</tbody>
</table>

**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
Ordering information

DS7436 Multiplex Expansion Module
Dual multiplexer.
Order number DS7436