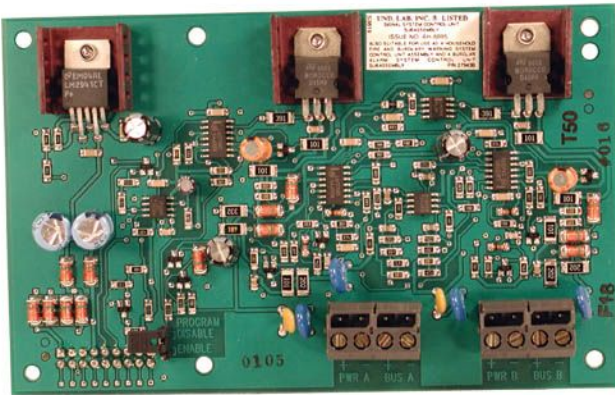**BOSCH**

Invented for life

DS7436 Multiplex Expansion Module

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.

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   DS7436
    Connects directly to the DS7400Xi Control Panel and provides a two-wire multiplex bus for connecting up to 120 remote points.