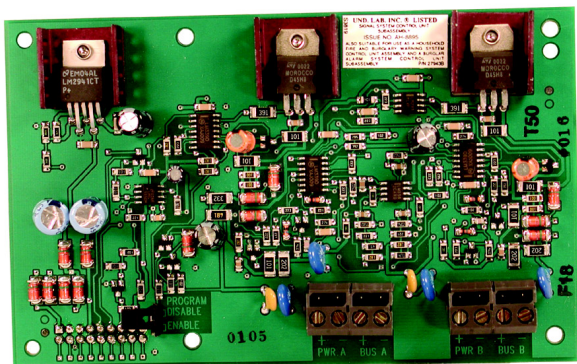


DS7436 Multiplex Expansion Module

Prod. ID	DS7436
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The DS7436 is a two-loop Multiplex Expansion Module for use with the DS7400Xi Series Control/Communicators. 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.

■ Technical Specifications

Compatible Panels	DS7400Xi Series
Outputs	
Current (DC Bus):	200 mA per bus
Current (MUX Bus):	75 mA per bus
Power Requirements	
Current Required:	130 mA Standby or Alarm

■ Planning

Wiring

Up to 2000 feet (610 m) of #22 AWG (0.8 mm) or 5000 feet (1525 m) of #18 AWG (1.0 mm) wire may be used for the multiplex loop. Do not use shielded cable. Do not share cable with the keypad lines.

Powering Modules and Detectors

The Bus Power output is for connection of separately powered multiplex devices, such as the DS7432 8-Input Remote Module. If using separate powered detectors, they should be powered from the auxiliary power terminals of the control/communicator.

