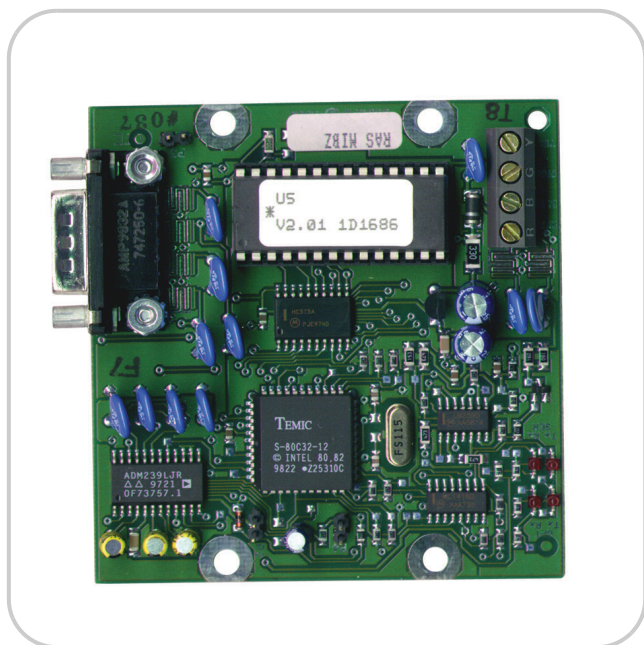


DS7412 RS-232 Serial Interface Module

Prod. ID DS7412



The DS7412 is an RS-232 Serial Interface designed to operate with the DS7400Xi Control/Communicators. With this module, you can print history events at a serial printer to as they occur or, with a simple keypad command, send them to the printer at a later time.

■ Features

- Adjustable printer interface configuration provides compatibility with all RS-232 serial printers
- Compatible with DS7400Xi panels
- Diagnostic LEDs

■ Basic Functions

Printer Interface Configuration

The interface can be configured with the following options:

- 1 or 2 stop bits
- software or hardware flow control
- even, odd, or no parity
- a baud rate of 300, 1200, 2400, 4800, 9600, or 14400

The default interface configuration is 8 data bits with 1 stop bit, software flow control, no parity and 300 Baud.

■ Planning

Connection to the control panel

The DS7412 connects to the options bus on the DS7400Xi Control/Communicator using 18 AWG (1.0 mm) 4-wire cable. The maximum wire length between the DS7412 and the control panel is 1000 ft. (305 m).

Connection to the Printer

The DS7412 serial port is wired as a Data Terminal Equipment (DTE) device; therefore, if the printer is a Data Communication Equipment (DCE) device (most common) a straight 9-pin to 9-pin or straight 9-pin to 25-pin cable may be used. If the printer is wired as a DTE device, a null modem 9-pin to 9-pin or null modem 9-pin to 25-pin cable is required. Consult the operating guide provided with your printer for wiring requirements.

The maximum wire length between the DS7412 and the printer is 50 ft. (15 m).

■ Technical Specifications

Compatible Control Panels:	DS7400Xi with ROM version 2.02 or higher
Power Requirements	
Current Draw:	25 mA nominal; 35 mA with diagnostic LEDs enabled

