

DX4010V2 USB/Serial Interface Module

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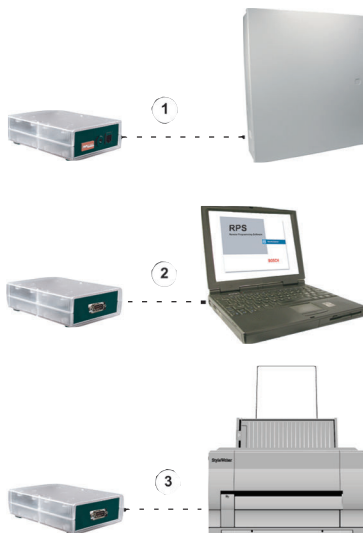
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Invented for life



- ▶ RS-232/USB connectivity
- ▶ Enhanced direct connection for Remote Programming Software (RPS)
- ▶ RJ-16 data bus
- ▶ Transparent enclosure
- ▶ Diagnostic light emitting diodes (LEDs)

The DX4010V2 USB/Serial Interface Module creates a local connection between compatible control panels and approved applications. The module connects to the control panel's data bus which provides power and data.

System overview



The DX4010V2 Serial Interface Module connects to:

1. A control panel's option or SDI bus through the data bus connector or terminal block connection.
2. A PC for RPS, BIS, or other third party applications through an RS-232 or USB connection.
3. A serial printer or parallel printer with a converter cable box (not shown) through the RS-232 connector with a compatible control panel. Refer to Compatibility Information for details.

Functions

RJ-16 Data Bus and RS-232/USB Connectivity

Use the RJ-16 data bus connector for a remote programming connection. Use the DB9 DTE RS-232 connector to connect to approved RS-232 devices. Use a USB-A to USB-B cable to connect to a USB port.

Transparent enclosure

The diagnostic LEDs show through the transparent enclosure, making troubleshooting easy and convenient.

Diagnostic LEDs

There are four diagnostic LEDs that provide information about the transmission and receipt of data.

Two Red LEDs

Function

BUS RX

Receiving data from control panel

BUS TX Transmitting data to control panel

Two Green LEDs Function

SER RX Receiving data from serial device

SER TX Transmitting data to serial device

DIP Switches

Use the external DIP switches to easily assign an address to the DX4010V2 Serial Interface Module.

Certifications and approvals

This product is also designed to comply with the certifications and standards listed here:

Region	Certification
Australia	C-Tick
United States	FCC
Canada	IC

Region	Certification
Europe	CE 2004/108/EC EMC Directive (EMC), 1006/95/EC Low-Voltage Directive (LVD); 2011/65/EU Restriction of the use of certain hazardous substances in electrical and electronic equipment [DX4010V2]

Installation/configuration notes

Compatibility Information

Applications and RS-232 Devices

United States	RPS:	Supported on all compatible control panels.
	PC9000:	Supported on all the following control panels: D9412G, D7412G, D7212G, D9112, D7412, D7212.
	Building Integration Software (BIS):	Supported on the following SDI bus control panels (version 6.3 and higher): All G Series control panels including D9412GV2-AU
Australia	Building Integration Software (BIS):	D9412GV2-AU
China	CMS 7000:	Supported on DS7400Xi Control Panels (option bus) set at Mode 18 (version 3.09 or higher).
All	Printers:	Supported on option bus control panels.

SDI Bus Control Panels (version 6.0 or higher)

United States	<ul style="list-style-type: none"> All G Series control panels D7212, D7412, D9412 D9112
Australia	<ul style="list-style-type: none"> D9412GV2-AU

Option Bus Control Panels

Europe	<ul style="list-style-type: none"> DS7400Xi (version 2.02 or higher) DS7220, DS7240, DS7240V2, and DS7220V2
Australia	<ul style="list-style-type: none"> CC7240-AP
United States	<ul style="list-style-type: none"> D4412 and D6412

The DX4010V2 Serial Interface Module replaces the following modules:

United States	D9133 Serial Interface Module	For use with BIS, PC9000, or other third party applications on SDI bus control panels.
	D9133DC Serial Interface Module	For use with RPS or other third party applications on SDI bus control panels.
	D9533 RS-232 Serial Interface Module	For use with RPS, CMS 7000*, or printers on option bus control panels
United States, Europe, and China	DX4010/ DX4010i RS-232 Serial Interface Module	For use with RPS, CMS 7000*, or printers on option bus control panels.

*CMS 7000 is available in China only.

Technical specifications

Environmental Considerations

Operating Temperature:	0°C to +50°C (+32°F to +122°F)
Relative Humidity:	5% to 85% at +30°C (+86°F) non-condensing

Power Requirements

Current (Maximum):	55 mA nominal, 60 mA with LED
Voltage (Operating):	8 VDC to 14 VDC

Ordering information

DX4010V2 USB/Serial Interface Module

Provides a local connection between compatible control panels and approved applications.
Order number **DX4010V2**

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