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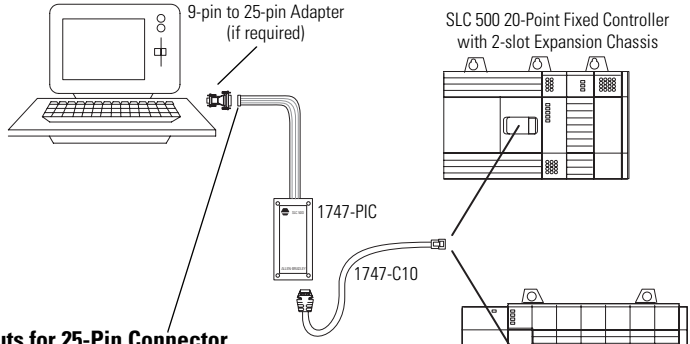
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Installation Instructions

SLC 500™ RS-232 to RS-485 Interface Converter

(Catalog Number 1747-PIC)

Installation Instructions



Interface Pinouts for 25-Pin Connector

Pin	Function	Direction
7	GND Signal Ground	Bi-directional
2	TXD Transmit Data	PC to Converter
20	DTR Data Terminal Ready	PC to Converter
4	RTS Request to Send	PC to Converter
3	RXD Receive Data	Converter to PC

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Tips for Successfully Using the 1747-PIC

The following tips and restrictions will help you operate the 1747-PIC successfully with PCs running RSLinx™ in Windows® 2000, Windows® XP and later operating systems.

COM1/COM2 Only

The 1747-PIC will only work with built-in COM1 and COM2 serial ports. It will not work with USB to serial adapters, serial port extender boards that add more COM ports or PCMCIA-format serial port cards, regardless of the operating system.

Infrared Ports

Infrared ports commonly share resources with the COM ports. If your computer has an infrared port, disable it to prevent resource conflicts.

Power Management

A power management system can prevent the 1747-PIC driver from using the resources it needs, if it engages while the 1747-PIC is in use. Disable power management functions to prevent this problem.

Advanced Configuration and Power Interface (ACPI)

ACPI is a power management system used on newer computers with Windows 2000, Windows XP and newer operating systems. ACPI often interferes with the 1747-PIC driver. If your computer uses ACPI and you have problems with the PIC driver, please contact Rockwell Automation Technical Support for assistance.

The Windows 2000/Windows XP 1747-PIC Driver Requires Exclusive Access

If you are running RSLinx as a service, the 1747-PIC driver must have exclusive access to the COM port. When you configure the driver, make sure you check the "Reserve COM Port for Exclusive use by this Driver" option.

Administrative Privileges

Make sure you are logged in as a user with full local administrative privileges when you configure any driver. Once it has been configured with exclusive access (see previous item), you can run the driver with a standard user account.

Current Driver and RSLinx Release

Make sure you have the newest 1747-PIC driver and RSLinx release for your operating system, particularly if you are using Windows 2000, Windows XP, or later operating system.

Driver Certification in Windows XP

After you configure the 1747-PIC driver, you may get an error message that says that the ABPIC driver has not passed Windows testing. You should be able to click the Continue button and use the driver and 1747-PIC successfully. The 1747-PIC driver cannot be certified because it replaces the Windows serial port driver, but cannot be used by other applications. You can turn off the driver signing option in the Windows Device Manager.

Contacting Rockwell Automation Technical Support

If you have problems using the 1747-PIC, contact Rockwell Automation Technical Support for assistance. Call 440-646-5800 from 8 am to 5 pm (EST), Monday through Friday or send an email to RACleAskTheExpert@ra.rockwell.com.

You can also access technical support information via **http://support.rockwellautomation.com**.

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