

ILX34-MBS485, ILX34-MBS232 FAQ

Why were the ILX34-MBS modules created?

Applications that use CompactLogix L1x processors or distributed 1734 Point I/O adapters often need to interface with serial Modbus devices. These modules enable a cost-effective integrated solution.

What type of Modbus communications do they support?

Modbus ASCII and RTU. These can be configured as a Master or Slave.

What interfaces do they support?

The ILX34-MBS232 supports RS-232, and the ILX34-MBS485 supports RS-422 or RS-485 communications.

How are the modules configured?

Configuration of the module is done through RSLogix 5000 / Studio5000. The modules have Add-On Instructions that are used to configure them. A training video is available to assist with configuration and commissioning of the module and is available at www.prosoft-technology.com on the ILX34-MBS product page.

Why do they come with three separate Add-On Instructions?

The Add-On Instructions offer you three sizes of data to be transferred. This allows you to configure your module to suit your application's specific needs. One AOI is used when you need to move a small amount of data quickly. Another is used for medium-sized data transfers. And the last one is used for larger data transfers when speed isn't as critical.

Is the module hot swappable?

Yes. In case of module failure you will be able to remove and replace the module while the system is running without powering down the PLC.

How much data can the module support?

The modules support up to 30 commands at up to 36 words per command.

Is there additional information that would be beneficial while using this module?

Yes, we have an informative Understanding Modbus video that will explain various Modbus terms at www.psft.com/modbus.

Need help with your specific application? Call us at:

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Frequently Asked
QUESTIONS

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