

**INDUSTRIES**

- All industries

**APPLICATIONS**

- Interfaces with intelligent devices
- SCADA communications

**PLATFORMS**

- 1771
- 1746

**CONNECTIVITY**

- Backplane

**Product Description:**

The 3100 (PLC) and 3150 (SLC) product family provides a single slot communication solution for the Allen-Bradley PLC and SLC platforms, allowing the Allen-Bradley platforms to interface with many different protocols. The communication solutions allow the user to easily configure an application using simple ladder logic and data table configuration. All module related programming and configuration is done through the processor ladder and data table using standard Allen-Bradley programming tools, or can be accomplished using a Windows based configuration tool. The 3100/3150 communication products are effective in any application requiring an Allen-Bradley PLC or SLC platform to connect to a non Allen-Bradley system. In addition to being popular in the SCADA industries, many of the products are used to interface intelligent devices (i.e., flow computers, weigh scales, drives, etc.) into the Allen-Bradley processors. Each product is shipped with a full User Manual and example ladder logic on disk.

**Features:**

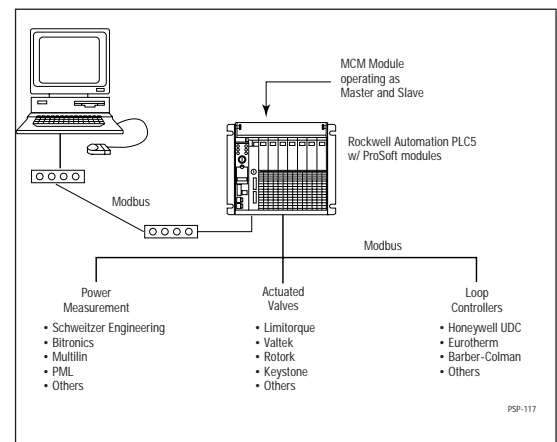
- Single slot module with Backplane communications with processor
- Completely offloads protocol handling from processor
- Fully configured through processor data table using standard ladder programming tools
- Full support for radio and modem hardware handshaking
- Supports RS-232, RS-422, or RS-485 (jumper selection)

**Specifications:**

- Available for PLC platform (3100) and SLC platform (3150)
- Support for many protocols, including the following partial list:
 

MCM	Modbus Master and Slave
ASCII	General Purpose ASCII Master/Slave
MTS	MTS Level Plus Master
DFM	DF1 Half Duplex Master
DNP3	DNP 3 Slave Module
CAS	Teledyne CA Slave
HAR	Harris RTU Slave
LNG	Landis & Gyr 8979F Slave
LTQ	Limitorque Valve Actuator Master
EMC	Emerson FX Drive Master

- 300 to 38.4 Kbaud
- Two fully configured ports available
- FLASH support for program upgrades (3100 module)
- Support for 4000 words of data (Most modules)
- Communication Statistics returned to processor
- Visual (LED) status on module

**Connectivity Diagram****For More Information:**

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