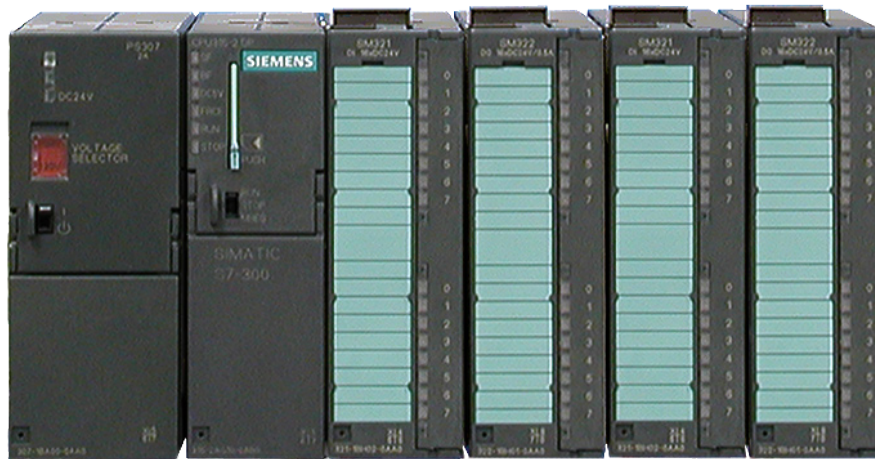


PLC TROUBLESHOOTING LEARNING SYSTEM

SIEMENS S7300 SERIES

890-S7312-B
890-S7315-B



890-S7 Siemens S7315 PLC Module



Rear Connections

89-S7 Siemens S7 Fault Kit



Front Connections



890-PEC-B PLC Troubleshooting Workstation
shown with 890-S7300 Series

Amatrol's 890-S7312-B and 890-S7315-B Siemens PLC Modules add to Amatrol's 890-PEC-B PLC Troubleshooting Workstation to teach troubleshooting, programming and applications of Siemens' S7 PLC. The

890-S7 is a Siemens S7 series PLC with all the hardware components needed to support the Amatrol student learning materials. The 890-S7312-B and 890-S7315-B includes:

PLC, fault kit with cables, fault modifications to the PLC, supplemental CD, student learning materials, and teacher's assessment guide.

TECHNICAL DATA

890-S7300 Series PLC Module

- S7 300 series processor module
- 16-point input modules (2)
- 16-point output modules (2)
- 7-slot I/O rack
- Power supply module
- Power cable set
- Fault cable set
- Amatrol fault integration

Student Learning Activity Packet B404
Teacher's Assessment Guide B414

Additional Required Items

- 82-900 Step 7 Programming Software for S7 PLCs
- 890-PEC-B PLC Troubleshooting Workstation
- 89-EP Electro-Pneumatic Application Station
- 89-IOS I/O Simulator Application Station
- 89-EMT Electromechanical Application Station
- 89-OS-PDS Operator Application Station with Programmable Display
- 89-BCD BCD/LED Application Station- Personal computer with Windows XP operating system

CURRICULUM IS THE KEY TO LEARNING

Learning Topics:

- PLC Operation
- PLC Programming
- PLC Troubleshooting
- PLC Interfacing
- PLC Applications
- PLC Program Editing
- Discrete I/O
- Counters / Timer Instructions
- BCD/LED Instructions
- Program Control Instructions
- Math Instructions
- Block Transfer

The 890-S7300 Series modules easily mount to the 890-PEC-B workstation and includes cables to ensure full compatibility. The 89-S7 Fault Kit includes I/O cables for connection of the PLC to the I/O on the 890-PEC-B Workstation. Amatrol's factory-installed integration package creates faults specific to the S7 PLC. This fault package is fully compatible with the computer-based fault insertion system supplied with the 890-PEC-B Workstation.

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