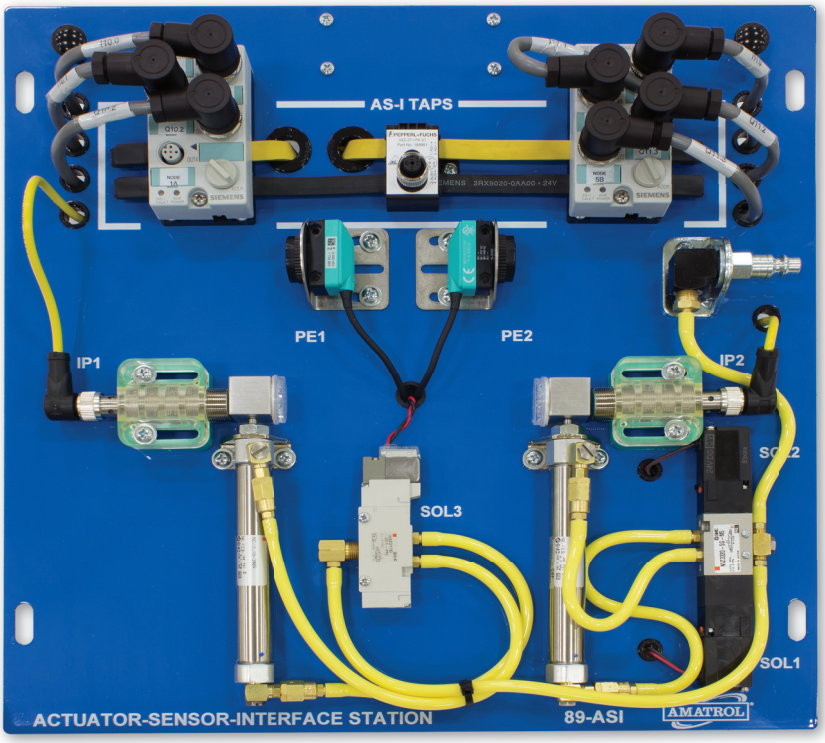
PLC ASI Bus Learning System - Siemens S7

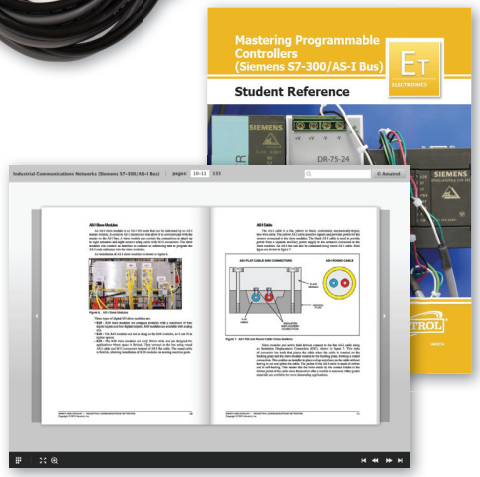
89-ASI-S7

ELECTRONICS



89-ASI-S7





Optional eBook Curriculum and Student Reference Guide

Learning Topics:

- Industrial Communications Networks
- Operation & Installation
- Link 20E Module Configuration
- AS-I Slave Modules
- AS-I Addressing Unit
- AS-I Bus Troubleshooting
- AS-I I/O
- Introduction to AS-I Troubleshooting
- Multi-Node & Power Supply Troubleshooting

Amatrol's PLC AS-I Bus Learning System (89-ASI-S7) allows learners to gain skills used in PLC processes by studying topics like industrial communications networks, Link 20E module configuration, AS-I slave modules, addressing unit, bus troubleShooting and I/O.

This learning system will allow learners to practice and study installing an AS-I power supply and a DP/AS-I Link 20E module, configuring the Profibus address of the DP/AS-I Link 20E module, replacing a slave module, designing a PLC project that uses AS-I I/O, and troubleshooting a PLC project that uses AS-I I/O to control a plastic injection molding machine.

This PLC AS-I Bus Learning System features PLC ASI bus interface modules, and more! Learners will use these and other components to practice installing, configuring and troubleshooting PLC AS-I bus equipment. Amatrol uses components that learners will find on-the-job in order to give the best opportunity to build confidence and industrial competencies.

AMATROL®

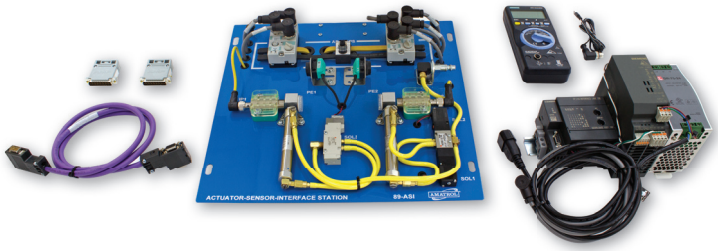
Technical Data

Complete technical specifications available upon request.

PLC ASI Bus Interface Modules
89-ASI Actuator Sensor Interface Station
35mm DIN Rail Assembly
Profibus-DP Cable
AS-I Handheld Unit
Fault Insertion Jumper Plugs
Student Learning Activity Packet (B40874)
Teacher's Assessment Guide (C40874)
Installation Guide (D40874)
Student Reference Guide (H40874)
Additional Requirements:
PLC Troubleshooting Learning System (890-PECB)
Siemens S7315 processor
Adds to 890-PECB. Requires (1) 890-PECB unit with Siemens S7315 processor

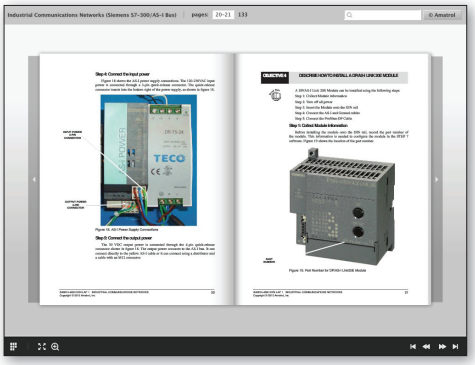
Real-World Training in AS-I Slave Modules and Addressing Unites

The 89-ASI-S7 adds to the 890-PEC-B (Programmable Controller Troubleshooting Workstation) and 890-S7315 (PLC Troubleshooting Learning System) to teach about AS-I slave modules, AS-I addressing units, introduction to AS-I troubleshooting, and multi-node and power supply troubleshooting. Learners will use these components to practice vital PLC AS-I Bus skills, such as: adding AS-I slave module addresses to a project, changing the AS-I node address of a slave module using the addressing unit, entering a PLC project that uses AS-I I/O, and troubleshooting an AS-I power supply problem.



World-Class PLC Curriculum and Hands-On Skills

This learning system also comes with Amatrol's optional eBook curriculum which combines strong theoretical knowledge and concepts with hands-on skills for the best industrial competency-building on the market. This thorough, exceptionally detailed curriculum is built to begin with the basics and steadily advance to more complex concepts and skill. The PLC AS-I Bus Learning System teaches learners how to understand these networks and their operation in order to install and troubleshoot the networks as well as the network's interconnections to PLC's. The 89-ASI-S7300 includes: PLC ASI Bus Interface Modules; student curriculum that includes both theory and hands-on skill procedures, and a teacher's assessment guide.



Student Reference Guide

A sample copy of the PLC AS-I Bus Student Reference Guide is also included with the system for your evaluation. Sourced from the system's curriculum, the Student Reference Guide takes the entire series' technical content contained in the learning objectives and combines them into one perfectly-bound book. Student Reference Guides supplement this course by providing a condensed, inexpensive reference tool that learners will find invaluable once they finish their training making it the perfect course takeaway.



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