

MPC (Siemens ET200pro/STEP 7) Learning System

89-PNET200



SCALANCE X-216

SCALANCE S602

S602 Firewall Router Application

Learning Topics:

- Profinet Network Devices
- Scalance S602 Firewall/Router
- Configure IP Addresses
- Diagnostic Functions
- Scalance Switches
- Configure Scalance Switches
- Profinet Configuration and Diagnostics
- Add Switch to a STEP 7 Project

Amatrol's PLC PROFINET Learning System - Siemens ET200 (89-PNET200) teaches PROFINET communications in Safety PLC applications. Specifically, this learning system focusses on the Scalance S602 Firewall, an industrial IP hardware firewall and router that enables protected networks to take advantage of network connections and resources while preventing them from unauthorized use and access. PROFINET is an invaluable application used in many industries. Major topic areas within the 89-PNET200 curriculum are Scalance S602 firewall/router, Scalance switches, and PROFINET configuration and diagnostics.

The 89-PNET200 includes a PROFINET assembly with network protection module and Siemens managed EtherNet switch, a PROFINET connector, PROFINET cable set, student curriculum, instructor's guide, and an installation guide. This learning system adds to the Programmable Controller Troubleshooting Learning System (890-PECB) and the Siemens ET200PRO-Safety PLC Troubleshooting Learning System (890-ET200SF) to expand Amatrol's offering of Safety PLC curriculum.



Technical Data

Complete technical specifications available upon request.

Profinet Assembly With Network Protection
Module And Siemens Managed Ethernet Switch
Profinet Connector
Profinet Cable Set
Learning Activity Curriculum (B41402)
Instructor's Guide (C41402)
Installation Guide (D41402)

Additional Requirements:

Programmable Controller Troubleshooting
(890-PECB)
ET200PRO-Safety PLC Troubleshooting
(890-ET200SF)

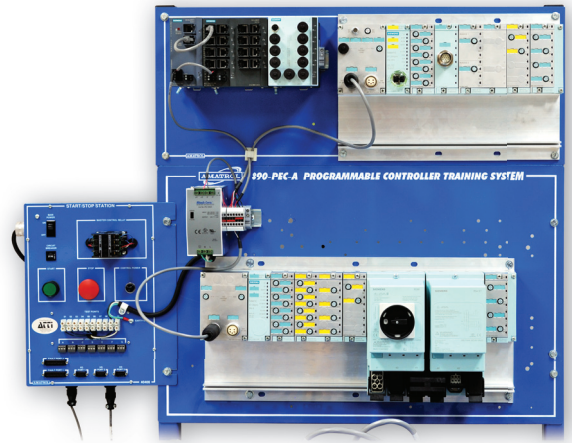
Utilities:

Supplied by the 890-ET200SF

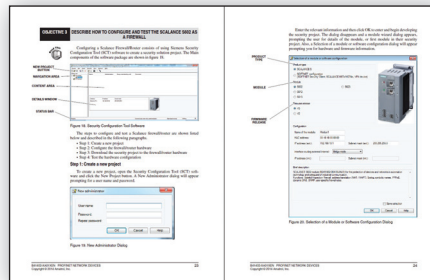
Only Source for PROFINET Training on Safety PLC Applications

The 89-PNET's curriculum covers the function, operation, and configuration of the two included, real-world industrial components – a Scalance S602 network security module and a Scalance X208PRO network switch. This will give learners a general understanding of networks and how to find information in a PROFINET system.

As an example, learners will study the Scalance S602 network security module and learn how to configure the S602's external network port IP address and subnet mask, configure and test the Scalance S602 as a firewall, and describe the diagnostic functions of a Scalance S602 firewall.



89-PNET200 shown on a 890-ET200SF



89-PNET200 Curriculum

For the Scalance X208PRO network switch, learners will describe two methods of configuring a Scalance X200 switch, configure an X200 switch using web-based management and diagnostics (WBM), and add a Scalance X200 switch to a STEP 7 project.

Safety PLCs / Pneumatic Integration: A Growing Industry Trend

This learning system requires Amatrol's PLC Troubleshooting Learning System – Siemens ET200Pro – Safety (890-ET200SF), which provides safe operation of a machine or process by improving fault detection and diagnostics in automated systems. Learners will study PLC programming, operation, and troubleshooting for safety PLCs, which enable production to resume quickly following a safety related interruption.



890-ET200SF

Even More Safety PLC Options!

In addition to the HMI learning system, the 890-ET200SF features an array of safety PLC learning options. Additional learning systems include: ET200S Stack Light Learning System (89-SLET200), ET200PRO PROFINET Pneumatic Learning System (89-EPN1), ET200 RFID Learning System (89-RFET200), and ET200PRO PROFINET HMI Learning System (89-HMIET200).

