SIEMENS

Design and Programming of SIMATIC S7-1500F Distributed Safety (based on TIA Portal) / SIMATIC S7-1500F 分布式安全系统的调试与编程（基于TIA博途）（A7823）

Objectives

In this course, you will learn about configuring, programming, starting up, diagnosing and troubleshooting of the failsafe CPUs of the SIMATIC S7 Safety PLC (no H systems) and the failsafe, distributed ET200 systems.

Target Group

Programmers, Commissioning engineers, Engineering personnel

Content

- Overview and guidelines
- Product overview and operating principle Safety Integrated
- Configuring of the fail-safe components with STEP 7 Safety in TIA Portal
- Programming of a safety program
- Fail-safe communication
- Diagnostics facilities (CPU diagnostics, I/O diagnostics, advanced diagnostics)
- Deeper understanding of contents through practical exercises on the system SIMATIC S7-1500F

Prerequisites

Complete A7811 or A7816 course

Type

Face-to-face training

Duration

4 days

Language

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