

Kommunikation mit SENTRON-Komponenten (LV-COM)

Objectives

The course covers the possibilities and advantages of communication with **SENTRON** components via bus systems. It focuses on **3WL** and **3VA** circuit breakers as well as **7KM PAC** measuring devices.

Participants learn how the devices integrate into automated environments and can be effectively commissioned and parameterized using the software **powerconfig**.

In addition to this, communication options in the area of manufacturing and process automation (**TIA Portal V14**) are considered and demonstrated in practice.

Target Group

- Planning
- Implementation
- Sales
- Operation

Content

- Opportunities and advantages of communication with SENTRON components (circuit breakers, measuring devices) and sample applications
- Connection of the COM modules of the circuit breakers and measuring devices via PROFIBUS DP, Profinet, MODBUS RTU and MODBUS TCP/IP
- powerconfig software for the commissioning and parameterization, data exchange with SENTRON communication components, hardware requirements
- Data exchange in the manufacturing and process automation on the S7 PLC level (e.g. S7-1200, S7-1500) with TIA Portal and/or Energy Suite (power monitoring)
- Extensive practical demonstrations and exercises on an example switchboard and on training cases

Prerequisites

- Successful completion of LV-CBMAIN or LV-CBPROJ training
- Basic knowledge of bus systems (e.g. PROFIBUS DP, PROFINET)

Type

Face-to-face training

Duration

2 days

Language

de