

Projektierung und Auswahl von SENTRON - Leistungsschaltern (LV-CBPROJ)

Objectives

The objective of this course is a general introduction to the various circuit breakers in the **SENTRON** portfolio.

The focus is on **3WL air circuit breakers** and **3VA molded case circuit breakers**.

Project engineers and sales personnel learn how to select and configure a circuit breaker for various applications in a specialized and standards-based manner. Available Siemens tools and documentation (manuals, catalogs) are presented and used in examples.

Exercises allow course participants to prepare for practical applications.

Target Group

Designers (Engineers, sales staff)

Content

- Introduction, overview and selection of low-voltage controlgear
- Overview, design, function and areas of application of 3WL air circuit breakers and 3VA molded case circuit breakers
- Demonstration of switching principles and the modularity of the accessories
- Specialized and standards-based selection of circuit breakers and configuration with exercises
- Available Siemens tools and their effective use (e.g. Configurator, My Documentation Manager, manuals)
- Basic information on protection settings (characteristic curves, selectivity, back-up protection, presentation of software)
- Operation and parameter assignment of the circuit breakers
- Test options with the manual test devices 3WL and 3VA (e.g. TD300, TD500)

Prerequisites

- Basic principles of electrical engineering and power distribution.
- Knowledge of technical options and specifications of circuit breakers.

To prepare for the attendance part, the WBT

["Protection systems in low-voltage power distribution"](#) should be completed successfully.

This will increase your personal learning success in the classroom.

Type

Face-to-face training

Duration

2 days

Language

de