

Maintenance and operation of 3WL circuit breakers (LV-3WLMAIN)

Short Description

There are 3 course modules offered. (LV-3WLMAIN, LV-3WAMAIN and LV-COPR), which can also be booked individually. Recommended combinations are shown in the learning paths. For certification (LV-CERT), all three course modules must be completed.

Objectives

Participants will learn about the structure, function and operation of the 3WL open circuit breaker. The focus of the course is to provide hands-on product knowledge to enable maintenance and operations support personnel in particular to inspect and service 3WL circuit breakers, find simple faults and replace spare parts listed in the catalog.

Target Group

- Operation
- Maintenance personnel

Content

- Introduction and basics of low-voltage switchgear, switching principles
- Design, function and operation of 3WL circuit breakers
- Extensive practical part with inspection and maintenance procedure, installation and removal of available accessories according to catalog (such as ETU, motor operator, voltage releases), diagnostics
 - Inspection and maintenance instructions
 - Change of main contacts
 - Test capabilities of 3WL circuit breakers (internal test, manual test device)
 - Available support from Siemens (documents, website)

Prerequisites

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

Note

Practical exercises on training systems (3WL circuit breakers and demo case).

Bring your own work shoes!

Type

Face-to-face training

Duration

1 day

Language

en