

## Wartung und Bedienung von 3WL-Leistungsschaltern (LV-3WLMMAIN)

---

### Short Description

---

There are 3 course modules offered. (LV-3WLMMAIN, 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

---

de