

WL Low Voltage Switchgear Maintenance (US-EMWLBM1A)

Type

Instructor-led Learning

Duration and Continuing Education Units (CEU)

2 Days
1.3 CEUs

Target Group

- Maintenance
- Operator
- Commissioning

Short Description

For personnel involved in installation, operation, maintenance or testing of Siemens Type WL low voltage switchgear with Electronic Trip Units (ETU).

Proper methods for installing the equipment to assure satisfactory service and typical operations such as racking, charging, closing and tripping are explained as well as how to respond should the breaker trip. Typical maintenance and parts replacement are covered.

Objectives

- Identify Siemens WL low voltage switchgear
- Understand the installation requirements for satisfactory service
- Properly rack, charge, close and trip the WL circuit breaker
- Determine the appropriate response to a breaker trip condition
- Perform typical maintenance and parts replacement
- Read and adjust settings on the Electronic Trip Unit using front panel or electronic means
- Recognize the safety features of the lockouts provided and how to use them
- Replace an electronic trip unit, charging motor, closing coil or trip coil
- Perform field testing of the circuit breaker
- Interpret Siemens drawings related to the WL switchgear line

Content

- Introduction to Type WL Low Voltage Switchgear
- Cubicle Structure and Components
- Circuit Breaker Components
- Cubicle and Circuit Breaker as a Unit
- ETU Protective Device
- Maintenance
- Parts Replacement

Language

English

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