

## Introduction to the CIBANO 500 and Testing Circuit Breakers

**Summary:** Get to know the CIBANO 500 and the measurement principles for circuit breakers. Learn how to perform efficient circuit breaker tests in hands-on and theoretical sessions. Simplify your tests with the PTM (Primary Test Manager).

**Products:** CIBANO 500

**Prerequisites:** Knowledge of electrical engineering

**Duration:** 1 day

**Language:** English

**Code:** C.0105.AAA



### Objectives

- > Performing commissioning and periodic tests of circuit breakers with the CIBANO 500
- > Preparing, performing and documenting tests easily with the control software PTM (Primary Test Manager)
- > Interpreting, assessing and comparing measurement results



### Content

- > Constructional and operational characteristics of circuit breakers relevant for testing
- > Overview of measurement principles to illustrate the different procedures
- > Interpreting and assessing measurement results
- > Introduction to the hardware and software features
- > Typical procedures for testing contact resistances, minimum pick-up voltages, timing including undervoltage condition as well as coil/motor current analysis
- > Hands-on testing on an actual MV circuit breaker and model



### Products

- > CIBANO 500
- > CB MC2
- > CB TN3
- > PTM (Primary Test Manager)



### Audience

Technical staff from electric utilities, service companies and manufacturers involved in recloser maintenance, installation and testing

