

Protection Testing for Beginners - manual & automatic verification of basic protection systems

Solutions: CMC-Family, Test Universe

Summary: Learn how to efficiently test overcurrent relays with the OMICRON Test Universe. Get familiar with the test procedure in hands-on and theoretical sessions.

Prerequisites: Basic knowledge of power system protection

Duration: 1 day

Language: English

Code: C.0075.BBB



Objectives

- > Getting to know the best practice test procedures for common protection tests
- > Testing overcurrent relays with the OMICRON Test Universe
- > Creating and modifying automated test plans and customized test reports
- > Using the OMICRON Test Universe from scratch



Content

- > Quick current and voltage output for easy wiring tests
- > Configuration of the test object parameters and the test hardware
- > Creating test plans which adapt automatically to newly entered relay settings
- > Creating a flexible test plan for overcurrent relays including testing pick-up values and trip times
- > Hands-on testing of the overcurrent protection function



Solutions

- > Control Center, QuickCMC, Ramping, Pulse Ramping, Overcurrent
- > CMC-Family



Audience

Technical staff from utilities, transmission and distribution networks, railway grids, service companies and manufacturers involved in protection testing

