

Course description

F334

Dialogue and communication - basic

Course Duration

The duration is 1 day.

Course type

This is a classroom course with activities led by an instructor.

Course Goal

After this course, you will know what features an air circuit breaker ACB or a moulded case circuit breaker MCCB with communication can add to your installation.

You will also be able to evaluate the basic requirements related to connection of a circuit breaker to a communication system, and to give indications about which accessories and components are required.

This training session can be viewed as a first introduction to communication systems; the more advanced course *F335 - Dialogue and communication - advanced* is provided as the next step.

Student Profile

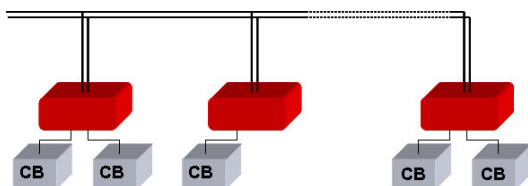
The course is intended for technicians, sales engineers and new hired product managers.

Prerequisites and Recommendations

The student must have a basic electro technical knowledge.

The following courses should be completed:

- F330 - Introduction to circuit breakers
- F300e - Tmax circuit breakers
- F310e - Emax circuit breakers
- F332 - Electronic releases



Main Topics

- Introduction to communication systems
 - communication protocols,
 - Fieldbus systems and serial protocol
 - Modbus communication systems
- Application of communication to low voltage protection devices
 - what a circuit breaker with communication can do
 - supervision and automation application in power distribution
 - the range of ABB SACE electronic devices with communication
 - circuit breakers with communication
 - required accessories
 - other communicating products
 - communication software
- Hands-on session
 - practical demonstration of ABCs and MCCBs with communication

