Course Duration

The duration is 3 days.

Monday evening	arrival
Tuesday	all day training and dinner
Wednesday	all day training and dinner
Thursday morning	day training
Thursday afternoon	departure

Location

Bergamo - Italy.

Course type

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

Course Goal

After this training, you will know what are the technical data required to properly specify and select a circuit breaker, MCCB or ACB.
You will know how to read the Technical Catalogues and find the information you need to properly choose the circuit breaker and the protection unit for the required application.
The basic training includes Standards details, technical and applications information, some marketing and competitors details and hands-on sessions.

Student Profile

The basic training is intended for new hired employees, sales engineers and customers who want to get a basic knowledge about low voltage breakers and their main applications.

Prerequisites and Recommendations

The student must have a basic electro technical knowledge.

Course Objectives

After the course the participants will be able:
- have a complete overview of the circuit breakers portfolio;
- to understand the technical data and performance of circuit breakers;
- to use the technical catalogues;
- to find the ordering codes;
- to have basic concepts of applications, marketing tools and competitors.

Main Topics

Day 1, Tuesday
- Company overview
- E-learning
- IEC 60947-2 (definitions, main parameters and applications)
- Tmax range (T1-T8)
- Advanced functions (short account)
- Motor protection
- Formula and XT ranges
- Laboratory visit

Day 2, Wednesday
- New Emax range (E1-E6)
- Emax X1
- Advanced functions (short account)
- Emax DC
- DC applications (short account)
- Communication (short account)
- Hands-on session

Day 3, Thursday
- Software DOC
- Software CAT for circuit breaker's configurations
- Coordination: selectivity and back-up
- Selectivity with EFDP