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 have a deep knowledge of the features and the technical data of the miniature circuit breakers (MCBs) and the residual current devices (RCDs) of the System pro M Compact range. You will know how to read the Technical Catalogue and to select the right ordering codes.

Student Profile
The course is intended for 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 as well:
- F500e - Line protection basics
- F501e - Miniature circuit breakers basics
- F550e - Residual current devices basics

Main Topics
- Basic concepts
  - overload and short-circuit
  - overcurrent protection: circuit breakers and fuses
  - distribution systems and ground faults
  - people protection against direct and indirect contacts
- Standards
  - IEC 60898
  - IEC 60947
  - IEC 61008 and IEC 61009
  - IEC 62423
- Miniature circuit breakers
  - S200 and SH200 series
  - S800 series
  - SN201 series
- Residual current devices
  - F200 and FH200 series
  - RCDs classification: type A, AC, B
  - RCDs selectivity
  - nuisance trips
  - RCD-blocks DDA200 and DDA800
- RCBOs
  - DS200 series
  - DS9 series
  - DS271 electronic series
- Auxiliary elements for MCBs and RCDs
  - signal contacts
  - auxiliary contacts
  - shunt trips and undervoltage releases
  - motors and autoreclosing units
  - busbars