

## Course description

# F681

## Modular Din Rail Components MDRCs

### 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 be familiar with the MDRCs (Modular Din Rail Components) of the System pro M Compact range, mainly in terms of functions and technical features.

### Student Profile

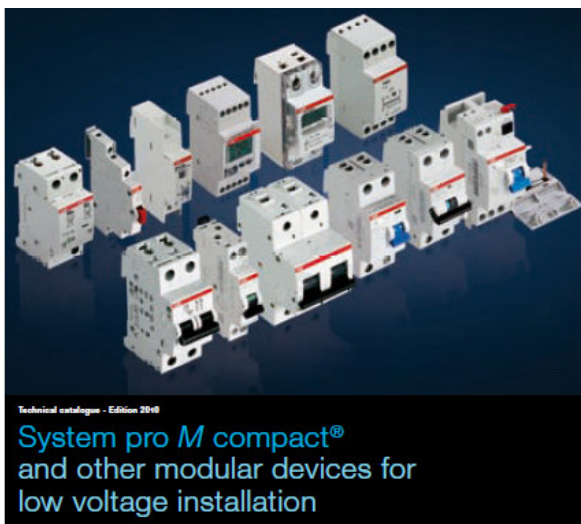
The course is intended for sales engineers and new hired product managers.

### Prerequisites and Recommendations

The student must have a basic electro technical knowledge.

The following courses should be completed as well:

- F680 - Line Protection Devices MCBs and RCDs
- F595e - Introduction to electricity meters



### Main Topics

- Protection devices
  - RD3 residual current monitor and toroidal transformers
  - fuse holders and fuse switches
  - insulation monitors devices
- Command devices
  - switches
  - pushbuttons and indicator lamps
  - contactors
  - installation and latching relays
  - dimmers and electronic timers
  - staircase lighting switches
  - electro-mechanical and digital time switches, twilight switches
  - GMS modules
- Load management devices
  - priority switches
  - overload relays and load shedding switch
  - phase and sequence relay
  - max./min. current/voltage ammetric and voltmetric relays
  - undervoltage monitoring relays
- Measurement devices
  - analogue and digital instruments
  - transformers
  - DMTME multimeters
  - ODIN and DELTA electronic energy meters
- Other functions
  - safety isolating transformers for general use
  - bell transformers, bells and buzzers
  - components for medical locations

