

## Course description

# F688

## Enclosures basic training

### Course Duration

The duration is 4 days.

### Course Type

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

### Course Goal

This training will provide basic technical information on distribution and automation switchboards and plastic enclosures. Basic info on breakers and DIN rail products will also be given as they are the enclosures' target. How to use CAT & DOC software will also be shown.

### Student Profile

The course is intended for new recruits and all ABB employees who need to be trained on low voltage enclosures of LPED business unit and ABB's products that can be installed inside them.

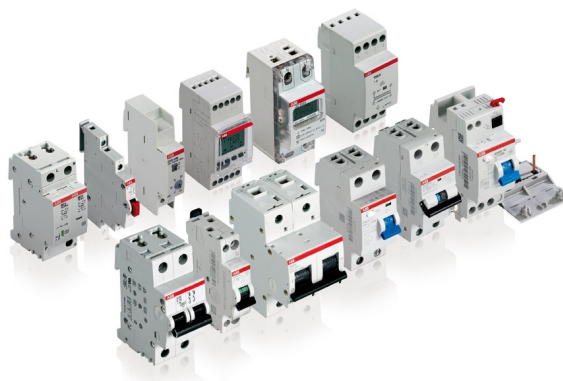
### Prerequisites and Recommendations

The student must have a basic electro-technical knowledge.

### Main Topics

#### Day 1

- Introduction to BU LPED
- Miniature circuit breakers (MCBs)
- Residual current devices (RCDs)
- Surge protective device (SPDs)
- Modular DIN rail components (MDRCs)
- Meters



#### Day 2

- MCCBs: Tmax and Tmax XT range
- ACBs: Emax range
- Software CAT

#### Day 3

- IEC 61439
- Main distribution switchboards: ArTu K
- Sub-distribution switchboards: ArTu L
- Plastic switchboards Gemini
- Consumer units
- Trunking systems and installation material

#### Day 4

- Automation switchboards IS2 and AM2
- Console C2 and boxes SR2
- Software DOC

