trace software

elec calc

Online training program

Duration: 21 hours (3 days)

elec calc version: 2024.0.0.29091

GOAL

Become familiar with elec calc functionalities and handle the interface in order to design an electrical installation according to standards (IEC, NF, AREI, NIN, REBT, VDE, NEN, BS).

AUDIENCE

This training course is aimed at users or designers, electrical installation managers, business engineers and design office staff. Anyone responsible for designing, studying or carrying out high and low voltage electrical installations.

PEDAGOGY

The trainer, following the established plan, explains all of the software functionalities and the design process for an electrical installation.

PREREQUISITES (Not covered during the training session)

A good knowledge of the design and calculation of an electrical installation, and related standards.

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CONTENT

All the theoretical notions will be illustrated with concrete cases on elec calc software.

PROGRAM

Exercise 1: Project definition

Exercise 2: Modelling and entering base data

Exercise 3: Locations

Exercise 4: Power balance, installation method and sizing

Exercise 5: Parallel sources and scenarios

Exercise 6: Catalogue customisation and reference search

Exercise 7: Selectivity, curve studies and fault analysis

Exercise 8: Power factor correction

Exercise 9: Other functionalities and TN-C-S

Exercise 10: Private power supply

Exercise 11: PV source

Exercise 12: Integration of multiple receivers – Excel export/import

Exercise 13: Report customisation

Exercise 14: Deliverables generation

Exercise 15: Support tab and licence manager

Conclusion + multiple-choice questionnaire

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