Ensuring reliable power supply wherever it is needed

Whether in industrial plants, infrastructure or in buildings: Every environment depends on reliable power supply. That is why there is a demand for products and systems that offer the greatest level of safety and efficiency. Our comprehensive portfolio for power distribution covers any requirement – from the switchboard to the socket outlet. The systems and products ensure all-round failsafe power supply and can be seamlessly integrated into holistic energy efficiency concepts, as well as into building and industrial automation.

Professional software and data enable you easy, standards-compliant planning and error-free configuration and documentation.

Find out more – in our technical training courses!

Good reasons for training courses at SITRAIN

Innovative
The training courses are organized alongside product development and are thus perfectly aligned to the particular technologies.

Practical
Practical exercises form a key element of our courses – this allows the learned material to be immediately applied to everyday working conditions.

Comprehensive
We support your training needs throughout the entire life cycle of your systems, from planning to operation.

Technical Training
Rapidly applicable expertise for electrical power distribution

siemens.com/sitrain-lowvoltage
Course Offering

Power monitoring
The power monitoring system from the SENTRON portfolio with 7KM/7KT measuring devices and powermanager analysis software is the basis for standards-compliant operating energy management and sustainable improvement of energy efficiency.

Energy management – Basic training (LV-EMSEN'TB)
The course is geared toward anyone who is commissioning and/or using the power monitoring system for the first time. You obtain an overview of the functions of the measuring devices as well as of the configuration and analysis software.

Energy management – Training for experts (LV-EMSEN'TE)
The training shows how the powermanager power monitoring software can be functionally expanded. For example, participants learn the programming of new dynamic user interfaces and own scripts.

You can find additional courses online!

Communication with SENTRON
Our components from the SENTRON portfolio ensure fail-safe power supply and can be seamlessly integrated into holistic energy efficiency concepts, as well as into building and industrial automation.

Communication with SENTRON Components (LV-COM)
The participants of the course will learn how SENTRON components (3WL and 3VA circuit breakers, 7KM PAC measuring devices) communicate via bus systems, how they can be integrated into automated environments, and be easily put into operation and parameterized with the powerconfig software.

Communication with SENTRON components in the TIA Portal & Energy Suite (LV-TIA-ENS)
This training course teaches the fundamentals of the VIS TIA Portal with an integrated energy suite for power monitoring in manufacturing and process automation. Among other aspects, the course shows how SENTRON devices can be integrated into the automation solution and energy data can be used effectively.

Circuit breakers
3WL air circuit breakers and 3VA molded case circuit breakers from the SENTRON portfolio reliably protect electrical installations from downtimes and damage. They are communication-capable and can be seamlessly connected to building and industry automation.

Maintenance and operation of 3WL air circuit breakers (LV-CBMAIN)
The participants will learn the design, functional principal and operation of the 3WL air circuit breaker. Above all, maintenance and service personnel will be enabled to maintain circuit breakers, identify faults and replace spare parts.

Configuration and selection of SENTRON circuit breakers (LV-CBPROJ)
The course is above all suitable for project engineers and sales personnel. They will learn professional and standards-compliant methods for selecting and configuring 3WL air circuit breakers and 3VA molded case circuit breakers for various applications.

Be sure to sign up for your course!

Use our widely-diverse course offering and benefit from the following:
- shorter familiarization times following changes in technology or staff
- shorter downtimes and improved production flows
- high quality standards through certified training courses (DIN EN ISO 9001)
- increased competitiveness through expertise

Our new offering:
Web-based training
On our e-Learning platform, now you’ll also find Web-Based Training (WBT) for electrical power distribution – available at any time, worldwide, 24/7.
Find out more about SITRAIN and our online training course offering!

Additional information on registration and entire course offering are available at:
siemens.com/sitrain-lowvoltage