Build electrical installations more efficiently

Prisma G
Simple, functional systems for safe, upgradeable LV switchboards up to 630 A
Develop your business efficiency with our functional LV systems

Switchboards that are safe...

With Prisma G you can be sure to build 100% Schneider Electric switchboards that are safe, optimised:

- All components (switchgear, distribution blocks, prefabricated connections, etc.) are perfectly rated and coordinated to work together.
- All switchboard configurations, even the most demanding ones, have been tested.

You can prove that your switchboard meets the current standards, at any time.

You can be sure to build a reliable electrical installation and give your customers full satisfaction in terms of dependability and safety for people and the installation.

...aesthetics

Prisma G with its discreet design, blends harmoniously into all tertiary and industrial buildings, including in entrance halls and passageways.

- Available power
- Safety of people and property
- Controlled costs and delivery times
- Upgradeability
Develop your business efficiency with our functional LV systems

...optimised and upgradeable

With Prisma G you can build just the right switchboard for your customer, sized precisely to fit costs and needs. With this complete, prefabricated and tested system, it’s easy to upgrade your installation and still maintain the performance levels.

- The wall-mounted and floor-standing enclosures combine easily with switchboards already in service.
- Devices can be replaced or added at any time.

Straightforward organisation to make your job easier

Clearly identified functions.
The switchboard is set up in different functional units, organised naturally.

- A switchboard with a high degree of legibility.

Example: "Incomer" functional unit.

- The easy-to-read switchboard circuit diagram makes on-site cabling and connection operations simple.

Readily available close by

The kit concept makes handling and transport easier and you get to benefit from Schneider Electric’s efficient international logistics. Your distributor, hand-picked by Schneider Electric, can give you the very best advice.
Controlled switchboard costs and duration all along the lifecycle

Easy design with Rapsody software
A time-saver in the design and quotation phases.
More flexibility since modifications and upgrades are possible throughout the project.

Simple moves for cabling in the workshop
Full access to all device mounting and connection points provides for easy fitting/cabling in the workshop. The process is intuitive and the operations secure, with no false moves or lost time.

5 easy steps to design a switchboard

1. Define the switchboard’s electrical and environmental characteristics, in a few clicks.

2. Choose and configure the devices to be installed, with no risk of error.

3. Customise, and easily modify the single-line diagram. Move or duplicate devices. Generate current distribution and connection systems.

4. Choose the switchboard and let the software set up the enclosure. A list of mounting and connection accessories is proposed to make mounting work easier.

5. Automatically export the information required to make a clear, comprehensive and professional quotation.

All connection points are fully accessible and easy to check.

Fast and reliable connections.

Clear and organised wiring routing.
Efficient installation and connection work on site

Prisma G offers lots of space for cables. The switchboard can be installed, connected and checked naturally and effortlessly.

Easy maintenance throughout the switchboard

The cover plates can be easily removed, providing full access to the switchboard. The clear, organised device layout makes the switchboard easily legible. Maintenance operations are quick and intuitive.

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Easy connection on site, whatever the cable cross-section or installation location.

Easy and direct access to devices, in a switchboard in service.

Hook-on rail. Gland plates removable and easy to cut. Terminal blocks for fast connections. Fast and simple servicing or modification. Grippers facilitate the handling of front-plates. They can be lead-sealed directly.
A wide choice for efficient organisation with distribution and connection lines

**Busbars up to 630 A for all switchboard architectures**

- Linergy BS flat busbars: for traditional distribution.
- Linergy BW busbars: compact for fast upgrades.

**Row distribution blocks for modular devices**

- Comb busbars: a simple, cost-effective solution.
  - Combi busbars are fully insulated.
  - Devices can be connected in a single operation.
- Linergy FM: a fast, flexible and reliable solution.
  - Prefabricated connections, optimised and fully insulated.

Row distribution blocks for modular devices

- 80 A Linergy FM
- 200 A Linergy FM

The Linergy FM distribution block snaps easily onto the back of the rails. All types of modular devices can be mixed in the same row and phase balancing is simple. It’s easy to change or add devices.
Centralised distribution blocks for switchboard incomers

Example of a switchboard powered from the top.

Example of a switchboard powered from the bottom.

Choice of distribution for switchboard incomer.

Linergy DX 160 A: practical and aesthetic.
All-in-one 4P distribution block for fast connections.

Linergy DS 160 A distribution block: a traditional solution.
Installation on modular rail or mounting-plate.
Screw-terminal connections.

Linergy DP 250 A: modular and compact.
Installed directly downstream of Compact circuit breakers and switches without taking up any extra vertical modules. Fast connections.

Wiring routing components

Cable straps:
a fast and efficient solution.

Snapped onto the back of rails, cable straps are a solution for clear and well-organised cabling.

Trunkings:
for a neat finish.

They can be used for all configurations, whatever the number of cables and cable cross-sections.
A cover protects the wiring and provides a neat finish. Horizontal and vertical, with different cross-sections, they are interconnected by adjustable trunking supports.
## Technical characteristics

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For more information:

- log on to our site: www.schneider-electric.com
- or consult our technical catalogue
- or contact your distributor

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