Build electrical installations more efficiently

Prisma P
Simple, functional systems for safe, upgradeable LV switchboards up to 4000 A
Switchboards that are safe...

With Prisma P 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.

- Available power
- Safety of people and property
- Controlled costs and delivery times
- Upgradeability
th our functional LV systems

...optimised and upgradeable

With Prisma P 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 original performance levels.

- The cubicles combine easily with switchboards already in service.
- Devices can be replaced or added at any time.

Straightforward organisation to make your job easier

The switchboard is structured by zones dedicated to switchgear, busbars, cables, etc.

The functional units are naturally stacking in the switchboard.

Each configuration is tested for improved safety.

Temperatre rise test in laboratory.

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, selected by Schneider Electric, can give you the very best advice.
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.

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.

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.

Reliable, maintenance-free electrical connections.

Fast front connections with the Linergy FM distribution block.

Easy upgrading: devices added in the space reserved.
Efficient installation and connection work on site

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

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

Connection by busways. Terminal blocks for fast connections.

Easy maintenance throughout the switchboard

2 1/4 turn screws open the front plate support frame and made the switchboard fully accessible. The clear, organised device layout makes the switchboard easily legible. Maintenance operations are quick and intuitive.

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

Fully safe parameter setting and checking. Adding of a device on a modular rail.
A wide choice for efficient organisation according to your habits, with distribution and connection Linergy range

Busbars up to 4000 A for all switchboard architectures

Vertical and horizontal Linergy busbars: for fast upgrades.

Busbars up to 4000 A for all switchboard architectures

Linergy busbars: electrical connections are reliable and maintenance-free.

Flexible: sliding screws for connections at any height.

Fast: connections with horizontal busbars without drilling.

Practical: front access to all connection points.

Linergy BS flat busbars: for traditional distribution.

Side busbars compatible with prefabricated connections.

Rear busbars for space-savings.

Modular and compact centralised distribution blocks

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

Linergy DX 160 A: "à la carte" distribution block 1P 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 in spring-loaded terminals.
A wide choice for efficient organisation according to your habits, with Linergy range

**Practical, dependable row distribution blocks**

**Comb busbars:**
a simple, cost-effective solution.

- Comb busbars are fully insulated.
- Devices can be connected in a single operation.

**Linergy FM:**
a fast, flexible and reliable solution.

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.

**Linergy FC:**
a fast, upgradeable and dependable solution.

- **Fast**
  Direct front connection.
- **Upgradable**
  Devices added or replaced at any time.
- **Dependable**
  Fully insulated, reliable, maintenance-free connection.

**Screens and partitioning for improved safety**

Partitions are easily removed for servicing operations.

**Facilities for on-site connection**

Easy to connect with removable side rails.

Upstream connection by cables.

Guaranteed tightening torque with limited torque nuts.
# Prisma P

## Technical characteristics

<table>
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<tr>
<th>Offer</th>
<th>I (A)</th>
<th>Icw (kA rms / 1s)</th>
<th>Ipk (kA)</th>
<th>IP</th>
<th>IK</th>
<th>Number of vertical modules (50 mm)</th>
<th>Height (mm)</th>
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For more information:

- log on to our site: [www.schneider-electric.com](http://www.schneider-electric.com)
- or consult our technical catalogue
- or contact your distributor