

Your electrical installation problems are over

Prisma iPM

Low-voltage functional switchboard system compliant to IEC 61439-1 & 2 standard



Schneider
Electric

For all applications up to 4000 A

Retail facilities and industrial buildings, data centres, infrastructure, etc.: a Prisma iPM switchboard can be installed anywhere!



- 2 wall mounted enclosure ranges
- 1 floor standing cubicle range
- IP degree: from 30 to 54
- Icw: from 15 kA/s to 85 kA/s
- Partitioning up to form 4b



Innovate with the Prisma iPM solution



For more than 25 years, Schneider Electric has set the benchmark in prefabricated solutions for the design and construction of low-voltage functional switchboards.

Prisma iPM is part of a large family of systems sold in “kit” format, incorporating the best of switchgear and controlgear from Schneider Electric, the global specialist in energy management.

1982

The first functional switchboard assembled from a Schneider Electric kit.

3 million

tested Schneider Electric low-voltage electrical distribution and control switchboards are in operation worldwide.

IEC 61439-1 & 2 standard: Your insurance for the future

Today, the IEC 61439 standard is established worldwide. It aims to provide a precise framework for the design and manufacture of low-voltage equipment.

All this is based upon a single reality, yours! How? Through knowledge of the operating and servicing needs of switchboard users.



Issues at stake

In most applications, the safety of personnel and equipment is the key issue. When making your choice, think of your peace of mind and your return on investment.

Are you 100% sure of the reliability of your switchboard? And in 10 years' time, what will its performance be? Is it scalable? Easy to maintain?

These are all questions that you will no longer need to ask yourself with a standardized and tested switchboard. Performance, safety, reliability, certification assures you of all this and even more.



A shared guarantee

All the prefabricated components of a Prisma iPM switchboard are subjected to a range of tests to evaluate their conformity with the IEC standard and their capability for providing the documented performance level.

This guarantee is called the Manufacturer's Guarantee...

It enables Schneider Electric to certify that by following its recommendations, the assembled and cabled switchboard will be in compliance with the requirements of the standard.

This overall guarantee is also based on the assembler's compliance with best engineering practice during design, assembly and cabling of the electrical switchboard.

Panelbuilder partners

Schneider Electric has established close relationships with panelbuilders worldwide. They have all the skills and tools to design and build a switchboard in accordance with your requirements.

They are regularly audited and their personnel are trained in the characteristics and specific features of Prisma iPM.

This is an extra guarantee that the equipment you install will provide complete satisfaction for many years.



How will you benefit from a switchboard certified compliant with the standard?

- > Compliance with the documented mechanical and electrical performance levels
- > Increased reliability for lasting performance over time
- > Increased reliability for your installation
- > Protection of equipment and safety for personnel
- > Safety of servicing for operators
- > Guarantee that equipment will meet your requirements



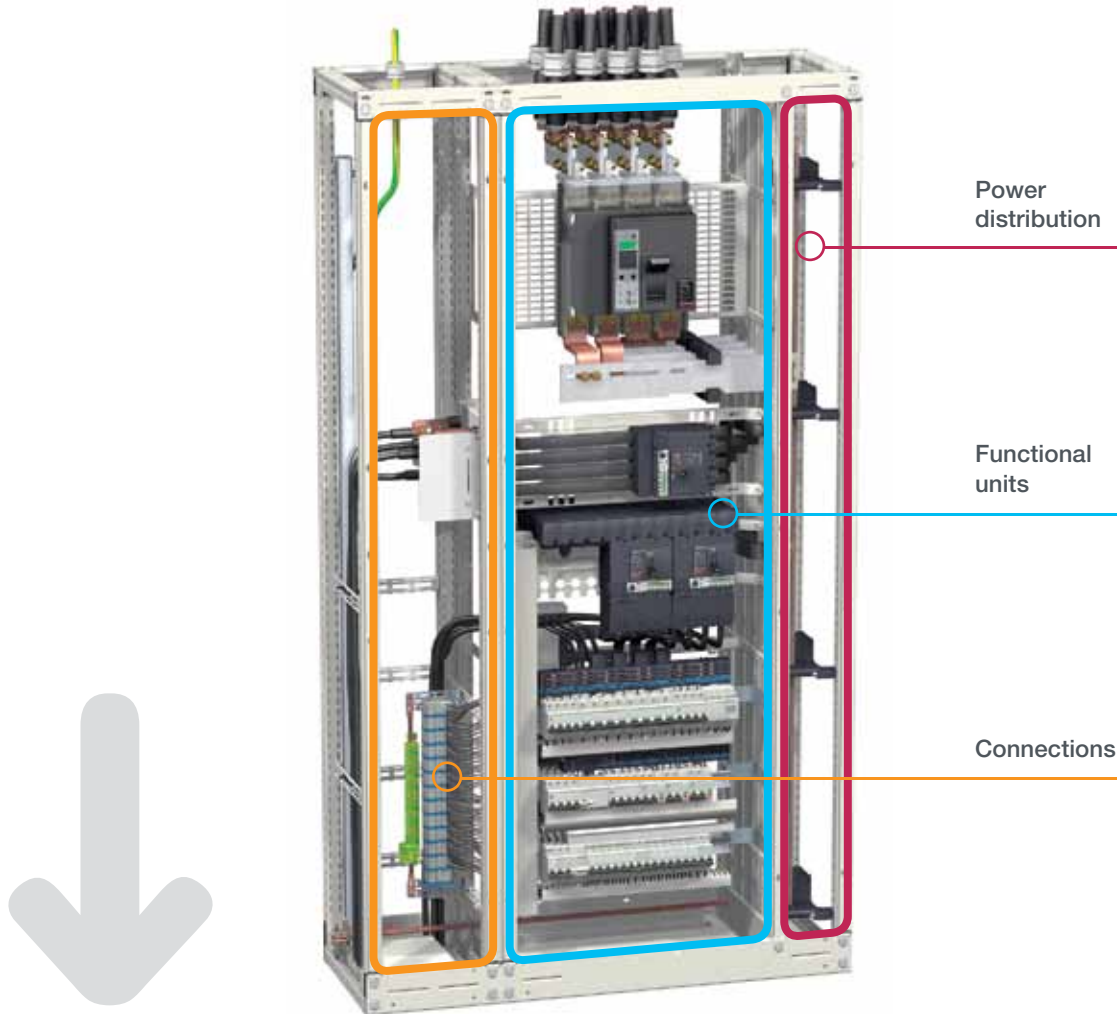
Improved continuity of service



Safety and durability



High long-term profitability



What is a functional switchboard?

The goal is to reproduce configurations identical or equivalent to those assessed in a laboratory during certification testing.

For this purpose, we use a so-called “functional” architecture... based on a combination of building bricks independent of one another: the functional units.

Each functional unit corresponds to an application in the building: lighting, ventilation, air conditioning, the lifts, etc.

All that remains to be done is to connect the functional units to the power on one side and the utilities on the other side. In the end, we obtain a perfectly configured switchboard that can be easily maintained or expanded.

Prisma iPM: Excellent in every respect

Prisma iPM, it's far more than just a switchboard. It's a comprehensive low voltage power distribution solution combining high-level performance with impeccable robustness and reliability. Prisma iPM is, no doubt the best in its class today.

A completely scalable switchboard

Prisma iPM is designed to evolve easily with your application. An extension, a renovation, a change of activity? The switchboard's modular design means it is easy to make modifications, add new functions or new enclosures. And of course, it retains all the qualities of a Prisma iPM switchboard: performance, reliability, safety.



100 %
safety

A maximum of safety

Prisma iPM offers you best in class safety. The tests performed in accordance with the IEC 61439 standard (resistance to short circuit and temperature rise) are a guarantee of reliable, robust and durable equipment. Your installation, your application, your personnel and the public are safe. You remain worry free.

Lowest maintenance costs

A Prisma iPM switchboard requires little maintenance. The switchboard's design by functional zone and its physical organization result in easier access to equipment and switchgear items, thereby reducing servicing time.

Both attractive and discreet. Why hide it?

Now, with Prisma iPM, you will no longer hide your switchboards. The external enclosure design is understated and elegant, so you no longer need to systematically provide for an equipment room to install a Prisma iPM switchboard. A reception lobby, an open space or a corridor... Prisma iPM will fit in discreetly within practically any decor.



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