

Life Is On

Schneider
Electric

Prisma

Smarter than ever



schneider-electric.com/prisma

Prisma is evolving with an improved design and easy connectivity



Enhance your commercial and industrial low-voltage switchboard design, and installation with Schneider Electric's Prisma range.

The Prisma G range of functional enclosures is now up to a 36-modules-height, for easier, more cost-effective design of low voltage distribution switchboards up to 630 A.

Prisma P cubicles make your main distribution board design projects more efficient up to 4,000 A.

Switch to the new Prisma and energize your projects with enhanced performance, security, safety, ergonomics and savings!

You also get Schneider Electric's proven know-how

- More than 30 years' experience in LV switchboard design
- A complete system that also includes prefabricated connection kits and devices
- Enclosures come in ready-to-assemble kits; even the most demanding configurations are IEC 61439-1 and 2 compliant
- Prisma enclosures and cubicles are made in France and ISO 9001 certified



Tomorrow's electrical distribution systems will give buildings the smart, communicating capabilities needed to manage energy. And it all starts with the smart panel.

With Prisma you can give your customers the smart panels they need—now and in the future—to:

- Keep operators safe during maintenance and operations
- Ensure energy quality and availability
- Deliver performance and high uptime
- Facilitate smart grid integration.

Components that work great together by design

All Schneider Electric components, from electrical devices and busbars to splitter blocks and switchboards, work together for optimal performance. The electrical and mechanical functions and communications features integrate seamlessly.

The switchboards are set up by function and area. This makes the installation more reliable. It also facilitates design, installation, operation, and upgrades. All switchboard architectures have been tested in line with Schneider Electric's in-house specifications, which go beyond what the IEC standards require.



Prisma P range

Prisma G range

Prisma delivers performance, even in earthquake zones!

Prisma brings the higher mechanical and electrical performances, which means your switchboard keeps on working no matter what!

The new and improved features include:

- Reinforced doors, plain doors IK10 certified (Prisma G and Prisma P)

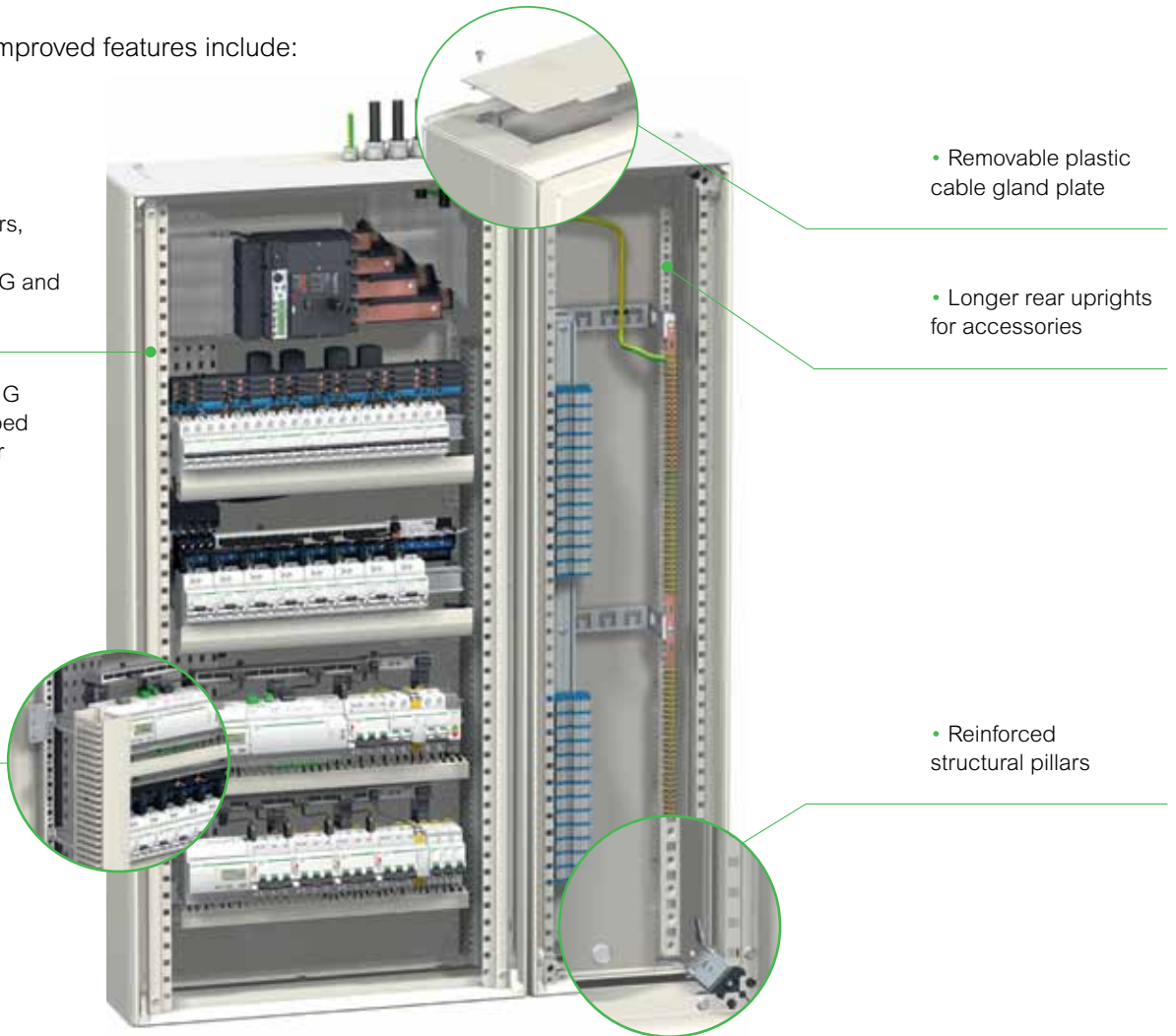
- IP40 for Prisma G enclosure equipped with the new door

- Metallic trunking plate

- Removable plastic cable gland plate

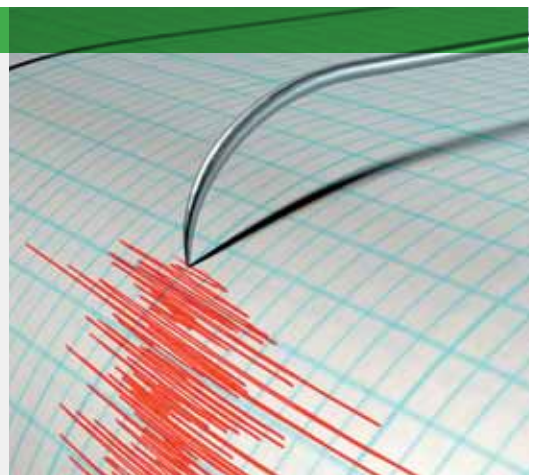
- Longer rear uprights for accessories

- Reinforced structural pillars



[Seismic 2G-certified switchboards]

Prisma G and Prisma P switchboards have been tested according to the IEC 60068-3-3 standard.



Smart switchboards are becoming clever!

Today's facility managers are looking for ways to lower energy consumption and building operating costs while giving building occupants even greater comfort.

Schneider Electric has introduced new Prisma features to meet these needs. It is now easy to make command-control and communication devices part of your LV switchboards:



- New, more user-friendly front plates to facilitate functional integration of metering and display devices.



- New I/O and RJ45 connectors for "plug and play" column wiring.

Give your switchboard communicating capabilities with:

- **Enerlin'X**

The Enerlin'X product range collects, transmits, and displays energy consumption data, electrical measurements, and protective device status. This complete, plug-and-play gateway and interface range meets all of your communicating switchboard needs:

- Component functions are seamlessly coordinated (Smartlink, etc.)
- Error-free cabling and fast connect-disconnect
- Saves space in your enclosures

- **EcoReach**

Simple, reliable configuration software for your communicating devices



Exceed expectations on every project!



High performance switchboard to ensure the protection of the operators and property.

- Busbars can be located in protected areas to prevent direct contact with live parts
- Linergy connectors and partitioning solutions are IPxxB by design.

Guaranteed electrical performances

- All components are coordinated to prevent over-sizing the equipment; all electrical connections are optimized
- All components (devices, distribution systems, prefabricated connections) are calibrated and coordinated to work perfectly together
- Functional units make the switchboard easy to upgrade to meet changing needs while maintaining the same level of performance throughout the installation's lifecycle.

More accurate budgeting

Prisma makes easier your project quotations and give your customers the best technical solution at the right price:

- Upgrades and add-ons are safe and do not affect original performance
- Prisma configuration software helps you select the right devices, distribution systems, and switchboards for total electrical and mechanical consistency; just follow the instructions and print out your BOM.



All products tested and compliant with IEC 61439-1 and 2

Only switchboards designed and built in compliance with this standard can ensure the long-term safety, reliability, maintainability, and efficiency of the electrical installation.

The most ergonomic and user-friendly system

Install your switchboards faster thanks to Prisma enclosures and Linergy distribution and connection solutions.

Prisma G:

- Total compatibility between different generations of Prisma products
- New extension enclosures to simplify the combination of two 600-mm-wide wall-mounted enclosures
- Hooked mounting plate so you can pre-position the functional units
- Removable plastic cable gland plate
- New ergonomic support for cable trunking.



Prisma G
36-modules-height



Prisma P:

- Busbar supports have been redesigned to facilitate connection with Linergy LGYE busbars
- New Linergy LGYE busbar length offering optimised vertical installation
- New prefabricated Linergy LGYE connections for Masterpact circuit breakers, for full consistency with the busbars.

Now Prisma G has a new 36-modules-height:

- Simplified switchboard design
- Lower on-site installation costs
- A smaller footprint
- Available in three widths: 300 mm, 600 mm, and 850 mm with the same flexibility to use together in different combinations

Prisma new references

Prisma G 36-modules-height floor-standing enclosures

Reference	Description
08205	Floor-standing enclosure; 36M-height, 600mm width, IP30
08215	Extension floor-standing enclosure; 36M-height, 600mm width, IP30
08225	Plain door, 36M-height, 600mm width, IP40, IK10
08235	Transparent door, 36m-height, 600mm width, IP40, IK08
08245	Floor-standing enclosure; 36M-height, 850mm width, IP30
08255	Plain door, 36M-height, 850mm width, IP40, IK10
08265	Transparent door, 36M-height, 850mm width, IP40, IK08
08275	Floor-standing duct; 36M-height, 300mm width, IP30
08285	Plain door, 36M-height, 300mm width, IP40, IK10
08295	Transparent door, 36M-height, 300mm width, IP40, IK08

Linery LGYE prefabricated connection for Masterpact NW

Ref.	Description
04493	LGYE horizontal connection for Masterpact NW, 1600A, 3 poles
04494	LGYE horizontal connection for Masterpact NW, 1600A, 4 poles
04495	LGYE horizontal connection for Masterpact NW, 2500A, 3 poles
04496	LGYE horizontal connection for Masterpact NW, 2500A, 4 poles
04497	LGYE horizontal connection for Masterpact NW, 3200A, 3 poles
04498	LGYE horizontal connection for Masterpact NW, 3200A, 4 poles
04683	Joint for Linery vertical LGY/LGYE, 1600A, 3 poles
04684	Joint for Linery vertical LGY/LGYE, 1600A, 4 poles
04685	Joint for Linery vertical LGYE, 2500A, Masterpact NW, 1 pole
04687	Joint for Linery vertical LGYE, 3200A, Masterpact NW, 1 pole

Prisma G wall-mounting extension enclosures

Ref.	Description
Extension wall-mounting enclosure:	
08113	9M-height, 600mm width, IP30
08114	12M-height, 600mm width, IP30
08115	15M-height, 600mm width, IP30
08116	18M-height, 600mm width, IP30
08117	21M-height, 600mm width, IP30
08118	24M-height, 600mm width, IP30
08119	27M-height, 600mm width, IP30

Linery LGYE profile for vertical installation (1625mm)

Ref.	Description
Linery LGYE vertical profile:	
04507	2000A, 1625mm length
04508	2500A, 1625mm length
04509	3200A, 1625mm length
04510	4000A, 1625mm length

Connectors & Accessories

Ref.	Description
04266	10 metallic trunking plates
LGY4230	RJ45 female-female connector with mounting plate
LGY4231	8P male-female auxiliary connector with mounting plate



For products with the Green Premium ecolabel, all of the required environmental information is readily available, from carbon footprint to regulatory information to materials and design information and end-of-life recycling instructions.

Prisma also helps limit an electrical installation's environmental impact.

> Green Premium online check-a-product service

An easy-to-use online tool for finding complete information on Green Premium products



Schneider Electric

35, rue Joseph Monier
F-92505 Rueil-Malmaison Cedex
Phone: + 33 (0) 1 41 29 70 00
Fax: + 33 (0) 1 41 29 71 00

www.schneider-electric.com

13, April, 2016
Document Number DESWED115080EN

©2016 Schneider Electric. All Rights Reserved.
All trademarks are owned by Schneider Electric Industries SAS or its affiliated companies.

This document has been
printed on recycled paper

