Prisma Pack

For high-performance switchboards in small retail and commercial buildings
Prisma Pack: 2 lines of floor standing and wall-mounted enclosures

Designed to meet the needs of your small retail and commercial installations, more easily than ever.

A simplified product range to help you find the right solution quickly and easily:

> Prisma Pack

160

All-in-one metal enclosures, delivered assembled and ready-to-equip.

> For switchboards up to 160 A
> A single part number to order for a complete enclosure

> Prisma G Pack

250

Floor standing and wall-mounted enclosures sold in kits, easy to associate and upgrade, you can combine to meet your needs.

> For switchboards up to 250 A
> Between 2 and 5 part numbers to order for a complete enclosure depending on your needs
Expand your business

Prisma Pack makes it simple for you to respond to the more demanding safety, uptime, and electrical performance requirements of retail and commercial installations.

> Prisma Pack 160 is designed especially for small retail and commercial installations up to 160 A.
> Prisma G Pack 250 is a simple, upgradeable solution for electrical installations up to 250 A.

### Avantages

**Protect people and property:**
- Enclosures prevent direct contact with live parts
- Earthing of metal components built into the product design
- Locked enclosure doors
- Protection degrees suitable for commercial buildings

**Increase continuity of service:**
- A complete, proven solution
- Enclosures, devices, and distribution systems designed to work together seamlessly

**Offer solutions suitable for every environment:**
- Minimalist design
- An understated, elegant white finish
- A choice of plain or transparent doors

### Take advantage of Schneider Electric’s experience

- 30 years designing low-voltage switchboards
- Metal enclosures tested with the most demanding configurations for compliance with the IEC 61439 standard
- Made in France and ISO 9001 certified
Enclosures that offer the best in performance and simplicity

Prisma Pack enclosures are designed to ensure the quality of your electrical installations while facilitating equipment installation, maintenance, and future upgrades.

1 Ordering is fast and convenient

**Prisma Pack 160**
- A line of enclosures with 2 to 6 modular rows
- A single part number for a complete enclosure delivered assembled and equipped with modular rails, cover plates, gland plates, front plates, shutters, and earth terminal block

**Prisma G Pack 250**
- A line of enclosures with 2 to 9 modular rows
- A single part number for a complete enclosure delivered in ready-to-assemble kit form, including modular rails, cover plates, gland plates, front plates, shutters, and earth terminal block(s)
- The main circuit breaker, whether it is modular or molded-case, will determine which additional part numbers you will need

2 Installing your enclosure is simple

- Prisma G Pack 250 enclosures can be mounted using a simple hook system (cyma system)
- Product is manufactured to ensure electrical continuity of earthing of all metal parts
- The front plates equipped with grips and are fastened with fixed quarter-turn screws
- Enclosures can also be flush-mounted using the optional flush-mounting kit

Hanging with the cyma system
Grips
Enclosures that offer the best in performance and simplicity

3 Cabling your switchboard is easy

- All products are designed by functional units, for easier understanding of the single-line diagram and simpler maintenance and future upgrades
- Linergy distribution and connection systems ensure optimal cabling by offering a vast array of power distribution possibilities
- Double-profile modular rails allow you to clip accessories on to the back
- Cable trunking and straps simplify cable management inside the switchboard
- Side panels can be removed quickly and easily for total access for both cabling and maintenance

4 Delivering a high-quality installation

- The most demanding configurations have been tested by independent testing organizations for compliance with the IEC 61439-1 and 61439-2 standards
- Schneider Electric command and protection devices, prefabricated connections, and cable sections allow you to create exactly the solution you need and calculate discrimination and cascading

Give your cabinets the right level of protection

Prisma Pack configurations in their standard configurations offer IP30 and IK07 protection degrees. A range of optional accessories can be added to offer increased protection:
- A door added by simply clipping on hinges boosts your protection degree to IK08
- Adding a canopy to an enclosure that already has a door raises your protection degree to IP31
- Adding a door seal in addition to a canopy increases your protection degree to IP43
Optimize your switchboard’s layout

Schneider Electric guarantees the full compatibility and between of its devices installed inside and Prisma Pack enclosures.

Main circuit breakers and switches

Modular devices for Prisma Pack 160 and Prisma G Pack 250.

1. Circuit breaker: NG125
2. Circuit breaker: NG160
3. Switch: INS160

Molded case apparatus for Prisma G Pack 250 only

1. Circuit breaker: NSX160/250
2. Switch: INS250

Acti 9 for safe, convenient installation

Meet all of your customers’ protection, command, and control needs today with the Acti 9 line of modular devices.
Linergy distribution and connection systems are designed to make cabling your switchboards faster. Your connections will also be more reliable and maintenance safer.

All prefabricated accessories and connections for the Prisma G system are compatible with Prisma G Pack 250 enclosures.

Linergy for fast, reliable, easy-to-understand cabling

- Linergy DS screw-type distribution blocks
- Linergy FM for outgoers
- Linergy BS traditional copper busbars
- Linergy DX quick-connection distribution blocks
- Linergy FH comb busbars
- Linergy BW compact, insulated multi-point distribution busbars
Technical characteristics

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<thead>
<tr>
<th>Prisma Pack 160</th>
<th>Prisma G Pack 250</th>
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<tbody>
<tr>
<td>Rated current (In)</td>
<td>160 A</td>
</tr>
<tr>
<td>Short-circuit current (Icc)</td>
<td>50 kA</td>
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<tr>
<td>Short-duration current (lcw)</td>
<td>10 kAeff / 1 s</td>
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<tr>
<td>Peak current (lpk)</td>
<td>30 kA</td>
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<tr>
<td>Isolation</td>
<td>Class 1, with earthing built in to metal parts</td>
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<tr>
<td>Number of rows (24 modules of 18 mm per row)</td>
<td>Wall-mounted enclosures for 2 to 6 rows</td>
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<tr>
<td>Door (optional)</td>
<td>Plain or transparent doors, with handle and keylock (key 405)</td>
</tr>
<tr>
<td>Protection degree</td>
<td>IP30 (with or without door) IP31 (with canopy) IP43 (with canopy and door seal)</td>
</tr>
<tr>
<td>Mechanical impact protection degree</td>
<td>IK07 (without door) IK08 (with door)</td>
</tr>
<tr>
<td>Dimensions</td>
<td>Height</td>
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<td>Depth</td>
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