

PRISMASET

Low-voltage electrical distribution
switchboard system for up to 4000 A



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New generation of switchboards

PrismaSeT is a new generation of Australian made, Schneider Electric low-voltage switchboards for all applications up to **4000A**.

The electrical power distribution system meets the needs of all **building electrical installations**.

From public facilities such as supermarkets, schools or hospitals to industrial plants, telecom and datacenters, PrismaSeT can be installed wherever safety, flexibility and reliability are essential for you.



- $U_e = 415V$
- IP degree: 42, 43 and 54
- $I_{cw}: 85 \text{ kA/1s}$
- $U_i = 1000V$
- Partitioning up to form 4b



Commercial buildings



Data centres infrastructure



Healthcare infrastructure



Hotels



Airport



Railway, and subway infrastructure



Energy production and distribution

Design verified as per IEC 61439-2 (AS/NZS 61439.2) standard

The PrismaSeT switchboard system has been updated to meet Australian needs and standards, now including a CT chamber, chassis and multi-level busbar distribution architecture.

Design verified architecture

PrismaSeT is a switchboard that is performance verified as per requirements within the AS/NZS 61439.2 standard, which maximizes safety of electrical installations and their operation.

Comprehensive testing to ensure premium quality

- Superior materials and parts
- Locally manufactured sheet metal
- IK10 impact protection at enclosure level
- Clearances and creepage distances
- Protection against electric shock and integrity of protective circuits
- Integration of switching devices and components
- Internal electrical circuits and connections
- Terminals for external conductors



⇒ How do **our customers** benefit from a switchboard that is comprehensively performance verified as per the AS/NZS 61439.2 standard?

- Safety for personnel and equipment
- Continuity of service
- Equipment that meets your expectations
- Consistent performance over time
- Reduced and simplified maintenance requirements
- Peace of mind solution that encompasses a wide range of SE products

⇒ How will our partners benefit from a functional switchboard system?

- Build additional knowledge and skill through a unique partner onboarding program
- Extend their product offering without additional resources or investments
- Improve their productivity
- Demonstrate their proven expertise



Advantages that make a difference

The sheet metal for the PrismaSeT switchboard system is locally manufactured within Australia, meaning faster lead times for our partners.

A fully modular design

- Designed with 3 separate zones: switchgear in distinct functional units, power distribution, and a final zone for customer connections.
- This optimised design compartmentalises the switchboard equipment: the enclosure, switchgear, CT chamber, MCCB and MCB chassis, busbars and connections, etc., and facilitates:
 - fast, accurate cost estimates;
 - simple last-minute switchboard changes;
 - ease of maintenance.

Easy to assemble

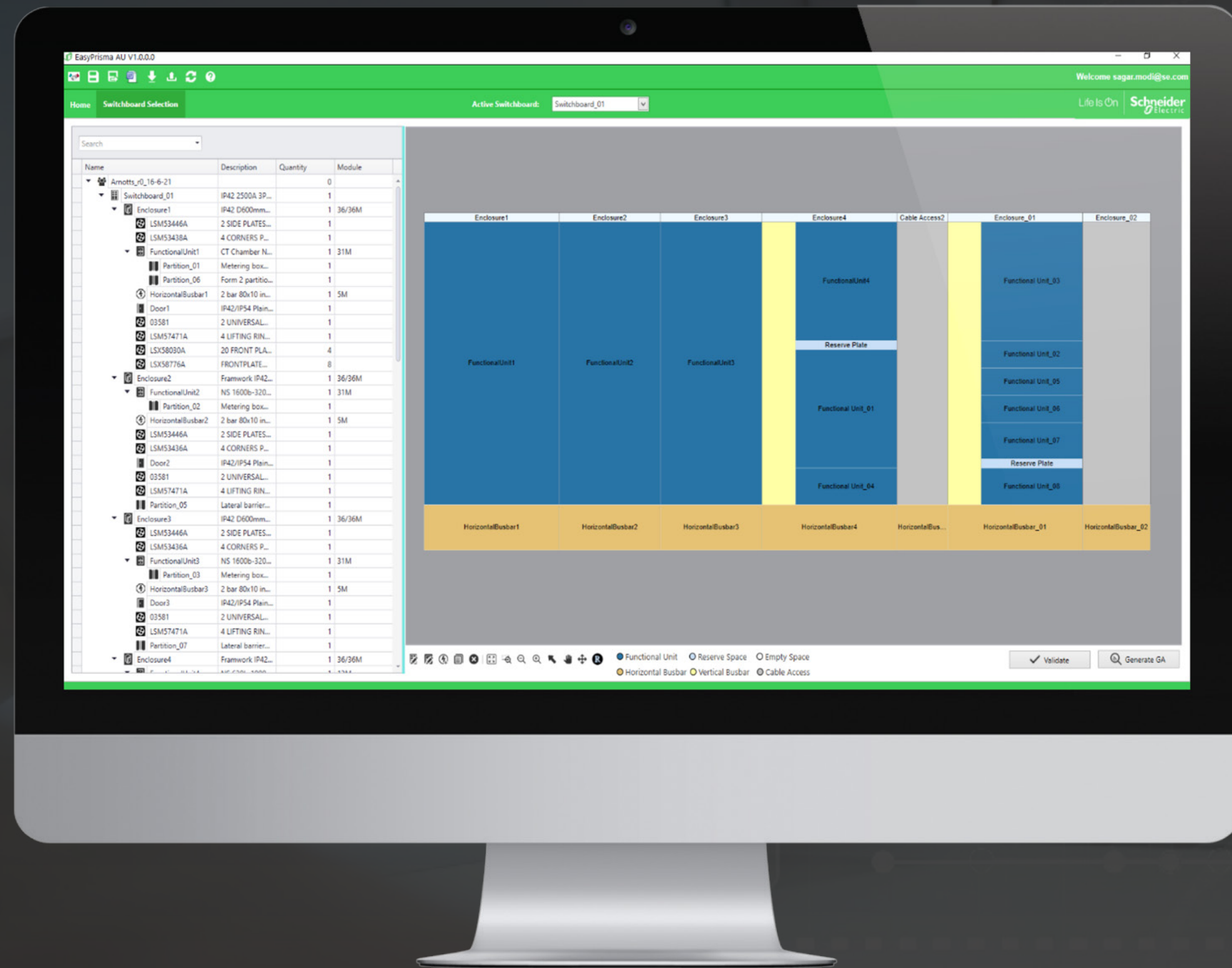
- Each switchboard frame is delivered partially assembled, thereby saving overall assembly time.
- Assembly steps are clearly defined and logically sequenced. The risks of errors are minimized.
- Simplified and uniform frame structure & sizes
- The enclosure architecture allows easy, unobstructed access to terminal connections, functional units etc.
- The assembly organisation and approach are repeatable from one switchboard to another, so that the optimal assembly techniques can be learned quickly and overall productivity enhanced.



Made for Australia

- Local CT chamber and chassis solution fully integrated and design verified.
- Locally manufactured sheet metal that comes in X-15 ripple paint finish.

Advantages that make a difference



EasyPrisma is a tool to carry out **switchboard design** and **generate the layout**. In addition, it also allows our partners to work out sheet metal BoM and complete switchboard costing.

Comprehensive tool to:

- Select main switchboard characteristics (Icw, IP, Form etc..)
- Add incoming and outgoing functional units
- Generate layout
- Sheet metal parts BoM including prices
- Add other costs (busbar, labour, switchgear, packaging etc..) and work out total cost
- Access to busbar drawings for incoming feeders, main horizontal busbar and distribution busbar

Under a special license agreement, a **'lite'** version of the tool can be made available to consultants and contractors who are looking for quick space planning during project design stage.

Become a PrismaSeT Partner

To stay compliant, flexible & support local manufacturing

When you become a PrismaSeT Partner, you:

- Promote the quality of your solution
- Enhance your business by winning new customers and being able to offer a differentiated solution
- Boost your productivity with a competitive product line-up

Promote your electrical switchboard line-up

What do your customers benefit from PrismaSeT switchboards:

- Design verified solution according to IEC 61439-2 (AS/NZS 61439.2) standard
- Reliable and robust design offering high level of safety
- Locally manufactured sheet metal parts to boost 'Made in Australia' products and capabilities
- Backed by the global leader in electrical distribution equipment & solutions



Partner Support Program

Our Partner Support Program – Level 1 (PSP1) is the first point of contact in Australia for you regarding all 'technical' questions or queries related to the PrismaSeT Switchboard:

- Training and onboarding
- Dedicated Day-to-day support
- Offer evolution training
- Audit & report
- Follow up on action points post audit



Express your interest in knowing more about the PrismaSeT Switchboard

A few options to make your switchboard safe and smarter



Gateway



EcoStruxure™ Panel Server

Modular gateway with enhanced cybersecurity that provides easy and fast connections to multiple concurrent edge control or cloud applications

- Wireless data concentrator providing IP connectivity to BMS or SCADA
- Single gateway to connect to Electrical safety, Power availability & Energy monitoring modules within the switchboard
- Faster data trending for advanced analytics



Fire prevention



PowerLogic™ HeatTag

Smart Sensor for Early Detection of Overheating wire connections or Overheating cables

- Measures environment temperature and humidity inside switchboard
- Be alerted in case of cable overheating
- Anticipate issues to take immediate action to reduce risk of electrical fire



Energy efficiency



PowerLogic™ PowerTag

A robust wireless energy monitoring system

- Fits directly onto the circuit breaker – self-powered, no tools required
- Wirelessly communicates the power data to your mobile device in real-time through a gateway
- Monitor it, secure it, tag it!



Scan or click on QR code



Scan or click on QR code

Find out more about PrismaSeT



Access the PrismaSeT Catalogue and other resources through our mySchneider portal [here](#)



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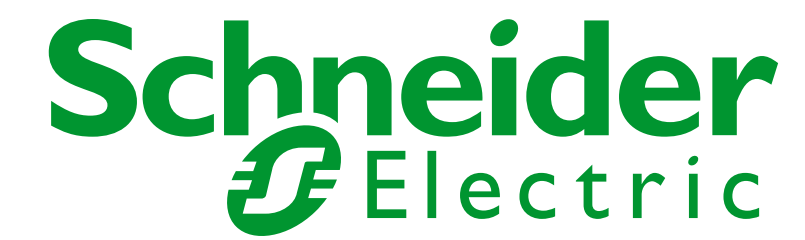
EasyPrisma

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More information

Life Is On



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