Adapted to your use case

- PAS400 is ideal for secondary cabinets, small and medium retrofit projects, and Energy Hub or Building Activate use cases.
- PAS600 is versatile and well-suited for most use cases, especially large and critical applications, with a dedicated WD sub-range.
- PAS800 is perfect for small site monitoring at the edge. It provides first-level monitoring and analytics to help you monitor your switchboard efficiently over time.

Intuitive operation

- User-friendly webpages offering first-level monitoring.
- Contextualized data and operational insights.
- Simple alarm setup for email notification.
- Standardized IEC 62974-1 compliant datalogger and energy server.

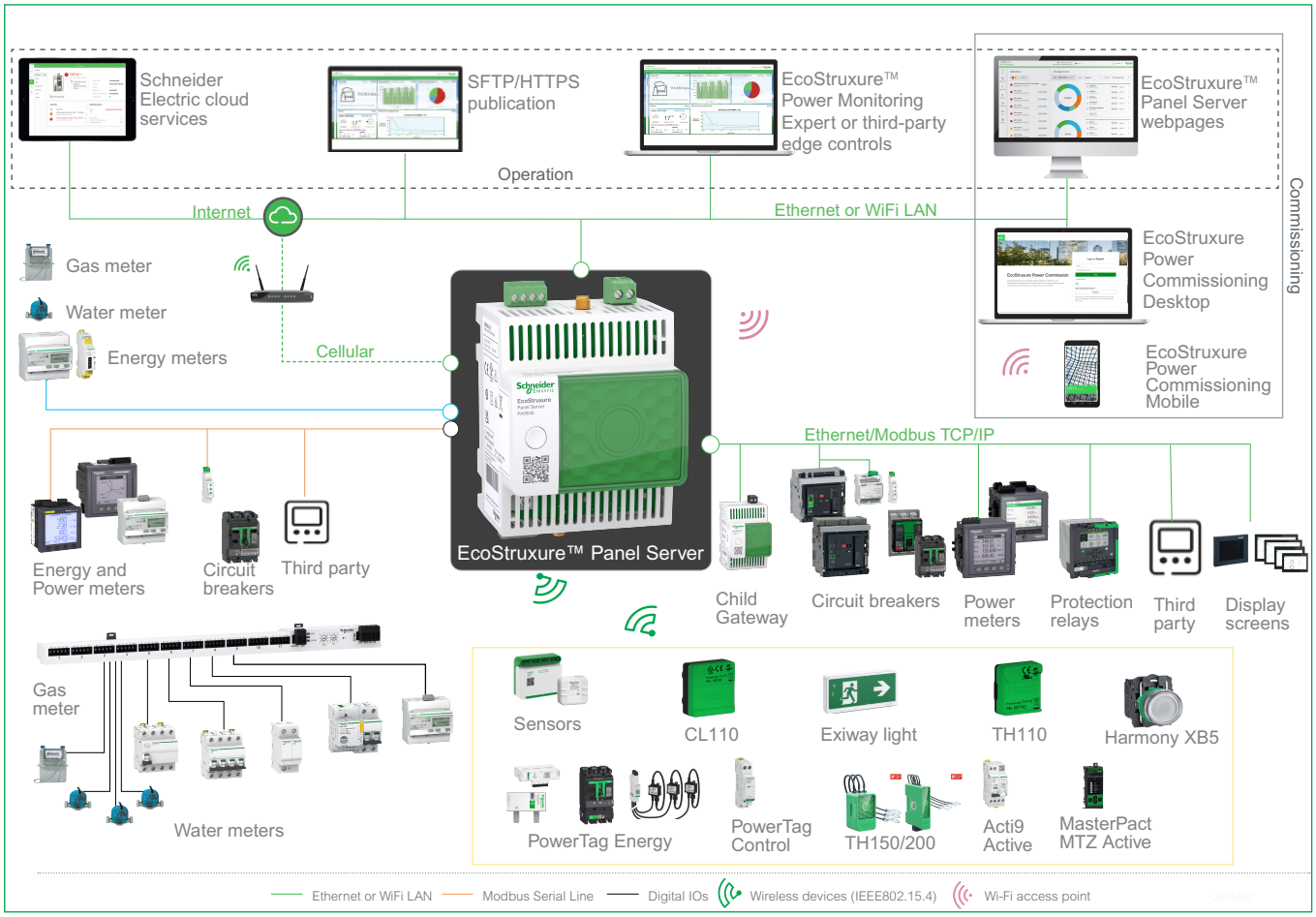
Simple commissioning

- Commissioning via the Panel Server embedded webpages or EcoStruxure™ Power Commission software.
- Auto-discovery of wireless and Modbus devices, compatible with third party Modbus devices thanks to EPC-Web.
- Compatible with EcoStruxure™ Power Commission software.
- Mobile Comissioning via EPC-Mobile.

Target Customer

- Panel Builders
- System Integrators
- OEM
- Facility Manager
- Electrical contractors

Architecture overview



Version: 1.0 - 16/04/2026
PLSED310196EN

Panel Server Entry

Panel Server Entry - Front ISO view

Standards & certifications

- IEC 61010-1
- IEC 61010-2-201
- UL 61010-1
- UL 61010-2-201
- IEC 62974-1
- ETSI EN 301 489-1 V.2.2.3
- ETSI EN 301 489-17 V.3.2.4
- IEC 61326-1
- IEC 62974-1
- EN50581
- EN 62321
- EN 62474
- ETSI EN 300 328 V2.2.2

Compatible with a large set of wireless sensors, PowerTag Energy, Heat Tag, and others. PAS400 is the perfect fit for small networks or installations where space is a challenge.

Functions

- Optimized gateway to retrieve data from your wireless devices.
- Connect to your monitoring and control software such as EcoStruxure™ Power Monitoring Expert, EcoStruxure™ Power Operation or to your Building Management System.
- Connect to Schneider Electric cloud applications such as EcoStruxure™ Energy Hub or Asset Advisor.
- Ease of commissioning with EcoStruxure™ Power Commission software or directly through the Panel Server webpages.
- Ease of operation with user friendly embedded webpages, real-time data and alarms contextualization.

Main features

- Power Supply 110...277 Vac/dc.
- Designed to match with electrical switchboard environment (temperature and humidity electromagnetic compatibility).
- One Ethernet 10Base-T/100Base-T port.
- Connect easily to the embedded webpages through your Wi-Fi infrastructure or Ethernet connection.
- IEEE 802.15.4 wireless communication.
- Modbus TCP/IP server.
- Support of HTTPS, NTP, SNTP, and DHCP client with proxy management.
- Wireless devices concentrator to Modbus TCP/IP.
- Designed through a Secured Development Life Cycle in accordance to IEC 62443-4-1.
- Commissioning through EcoStruxure™ Power Commission or through Embedded Web-Pages.
- Wi-Fi Access point connection for seamless commissioning with EPC-Mobile.
- Embedded web server for real-time measurement visualization, and power consumption.
- Real-time alarm display.

Comm. Reference	Description
PAS400	Panel Server Entry 110...277 V ac/dc

Panel Server Entry

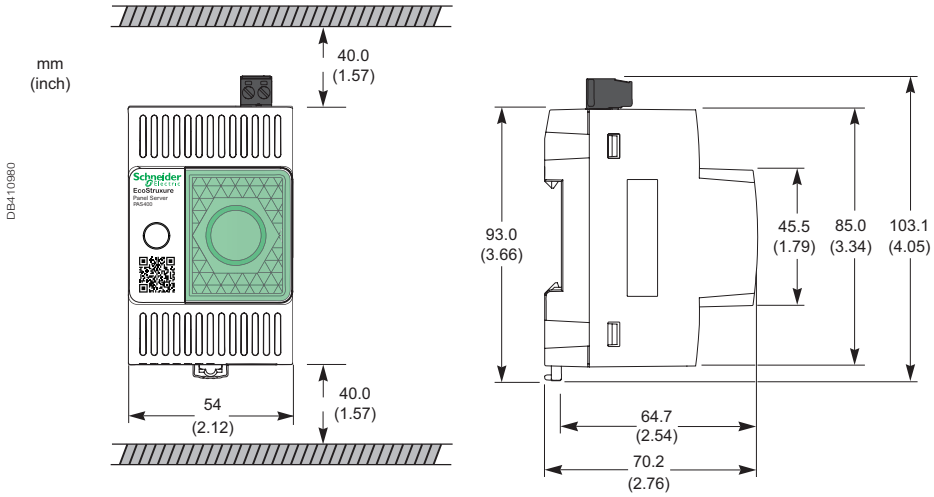
Panel Server Entry technical specification

Technical data		EcoStruxure™ Panel Server Entry
Commercial Reference		PAS400
Power Supply		
Voltage		110...277 Vac/dc
Tolerance		± 10%
Frequency		45...65 Hz
Maximum consumption		3 W, 10 VA
Ethernet & Wi-Fi		
Ethernet 10/100base T	Number of Ports	Single RJ45 Port
	PoE 802.3af and 802.3at Class 0	NA
Wi-Fi infrastructure	Supported Frequency	2.4 and 5 GHz
Wi-Fi acces point	Supported Frequency	2.4 GHz
TCP/IP		Yes
IP V4/IP V6		Yes
DPWS		Yes
DHCP	Client	Yes
	Server (Separate Nework)	No
Modbus TCP/IP Server	Max. number of client connection	64
Modbus TCP/IP Client	Max. number of Modbus TCP/IP devices	NA
Schneider Electric Cloud Services		Yes
HTTPS		Yes
External Wi-Fi/Antenna		No
Wireless Devices (IEEE 802.15.4)		
Number of devices	Total for mixed network	20 devices
	PowerTag Energy and Easergy TH110/ CL110	20 devices
	Other type of devices [+1]	20 devices
External IEEE 802.15.4 Antenna		No
Serial Ports		
Modbus RS485 Client	Max. number of devices w/o repeater	NA
	Max. number of devices with repeater	NA
	Maximum Length	NA
	Baud Rate	NA
Functionality		
Data Buffering for Data Publication		15 days[+3]
Data Publication		Over Cloud Application SFTP or HTTPS server
Data Logger and Web-Server	Historical Data Logging	No[+2]
	Historical Event Logging	No
	Real-Time data and event monitoring	Yes
	Historical data trending	No
Time Management	RTC (with battery)	Yes
	TimeUpdate (NTP and SNTP)	Yes
Digital inputs		
Two DI	WAGES & Dry-Contact	No
Environmental		
Protection Degree	Front Face	IP40
	Others	IP20
Overvoltage Category		OVC III
Polution Degree		2
Temperature	Operation	-25...+60 °C
	Storage	-40...+85 °C
Altitude Maximum		< 2000 m
Relative Humidity		5...95 %
Mechanical		
Form factor		Acti9
Installation		Din Rail
Width		54 mm
Weight		163 g
Standard and Certification		
Certifications		CE, CULus, CB, RCM, UKCA, FCC, IC, RF and, Marine certification (DNV)
Standards		EN/ IEC 61010-1, EN/IEC 61010-2-201, UL 61010-1, UL 61010-2-201, CSA C22.2 No 61010-1-12, CAN/CSA C22.2 No 61010-2-201, EN IEC 62974-1, EN/IEC 61326-1, ETSI EN 301-489-1, ETSI EN 301-489-17, ETSI EN 300-328, IEEE 802.15.4, IEEE 802.11b/g/n, IEEE 802.3 af/at, EN 301-893, 47 CFR FCC Part 15, Subpart B, Class A, EN IEC 62311, ANSI C63, IACS UR E10 and, DNVGL-CG-0339

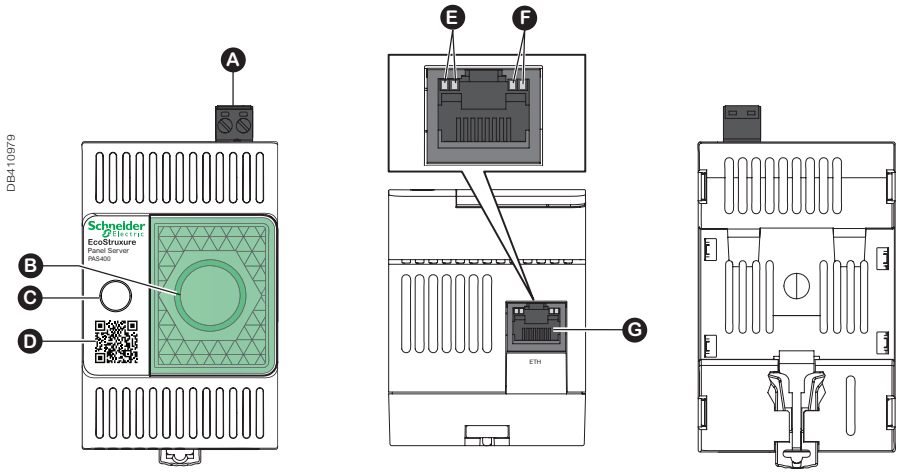
[+1] Consult the User Manual or other documentations to check the limit applicable to your wireless device.
[+2] Lower limits may apply depending on the firmware version, the serial line length, and the type of device(s). Consult the User Manual, Releas Notes or other documentations.
[+3] Applicable for Cloud, SFTP and HTTPS publication. Lower limits may apply according to the size of your network.

Panel Server Entry

Panel Server Entry dimensions



Panel Server Entry physical descriptions



- A Power supply terminal block
- B EcoStruxure™ Panel Server status LED
- C Restart button
- D QR code to product information
- E Ethernet LED 1: Speed
- F Ethernet LED 2: Activity
- G Ethernet communication port

Please see the appropriate Installation Guide for accurate and complete information on the installation of this product.