

Product data sheet

Specifications



EcoStruxure Panel Server - advanced datalogger, energy server, 24 VDC

PAS800L

Main

Range	EcoStruxure
Product name	Panel Server Advanced
Product or component type	Gateway
Device short name	PAS800L
Device application	Gateway Energy server Data logger
[Us] rated supply voltage	24 V DC
Communication gateway	Ethernet TCP/IP to wireless devices Ethernet/serial

Complementary

Communication network type	Ethernet, 10/100BASE-T Wi-Fi2.4 GHz Wi-Fi5 GHz Wireless, IEEE 802.15.4 Modbus RTU, Modbus RTU master even/odd or none parity, at 1.2...115.2 kbit/s
Communication port protocol	Modbus TCP DHCP HTTPS NTP/SNTP IPv4 IPv6 TCP/IP
Communication port support	2 RJ45: ETHERNET Screw terminal block: RS485
Number of slave	64 Modbus RTU: 40 IEEE 802.15.4:
Memory capacity	32 GB eMMC 512 MB NAND
Number of inputs	2 dry-contact/pulse
Connections - terminals	Discrete I/O: screw terminal block (top) 0.14...1.5 mm ² cable(s) Power supply: screw terminal block (top) 1.5...2.5 mm ² cable(s) Communication: screw terminal block (bottom) 0.14...1.5 mm ² cable(s)
Tightening torque	Discrete I/O: 0.25 N.m Power supply: 0.6 N.m Communication: 0.25 N.m
Wire stripping length	Power supply: 7 mm Communication: 7 mm Discrete I/O: 7 mm
Connector type	RP-SMA antenna

Mounting mode	Clip-on
Mounting support	DIN rail
Product certifications	CE cULus RCM UKCA FCC IC
Standards	IEC 61010 IEC 61010-1 IEC 61010-2-201 UL 61010 UL 61010-1 UL 61010-2-201 CSA C22.2 No 61010-1-12 CSA C22.2 No 61010-2-201 IEC 62974-1 IEC 62443-4-1 IEC 61326-1 EN 301-489-1 EN 301-489-17 EN 55032 CISPR 11 EN 300-328 IEEE 802.15.4 IEEE 802.11a/b/g/n
Depth	70.2 mm
Height	85 mm
Width	72 mm
Data recording	Trending Historical dashbaording and trending 3 years data logs
Function available	Embedded web page for configuration and upgrade Diagnosis capabilities Diagnostic report Diagnostics on communication Embedded data logger Event Logger Energy management With integrated web server Firmware update Configurable event Backup/restore configuration CSV export
Product specific application	Wireless Schneider Electric devices ecosystem
Topology	Separate Ethernet network Switched Ethernet network
Web services	HTTPS server
Communication service	Device Profile for Web Services (DPWS) Modbus TCP client Modbus TCP server SNTP client DHCP client DHCP server Web server (energy & operation efficiency)
Commissioning interface	EcoStruxure Power Commission Mobile Web page
Realtime clock	With RTC-battery set Without any user calibration
Time synchronisation protocol	NTP SNTP
Range compatibility	EcoStruxure (Facility Expert) EcoStruxure (Building Operation) EcoStruxure (Power Operation) EcoStruxure (Power Monitoring Expert) EcoStruxure (Asset Advisor)
Environment	
Relative humidity	5...95 %
IP degree of protection	IP40 (front face)

IP20 (casing)

Ambient air temperature for operation -25...70 °C

Ambient air temperature for storage -40...85 °C

Pollution degree 3

Operating altitude 0...2000 m

Packing Units

Unit Type of Package 1 PCE

Number of Units in Package 1 1

Package 1 Height 9 cm

Package 1 Width 9.3 cm

Package 1 Length 11.3 cm

Package 1 Weight 280 g

Unit Type of Package 2 S03

Number of Units in Package 2 27

Package 2 Height 30 cm

Package 2 Width 30 cm

Package 2 Length 40 cm

Package 2 Weight 8.18 kg

Offer Sustainability

Sustainable offer status Green Premium product

REACH Regulation [REACH Declaration](#)

EU RoHS Directive Compliant
[EU RoHS Declaration](#)

Mercury free Yes

China RoHS Regulation [China RoHS declaration](#)

RoHS exemption information [Yes](#)

Environmental Disclosure [Product Environmental Profile](#)

Circularity Profile [End of Life Information](#)

WEEE The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins

PVC free Yes

Halogen content performance Halogen free plastic parts & cables product

California proposition 65 WARNING: This product can expose you to chemicals including: Lead and lead compounds, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov

Recommended replacement(s)