

Product datasheet

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	128 Modbus RTU: 100 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 mm² cable(s) Power supply: screw terminal block (top) 1.5...2.5 mm² cable(s) Communication: screw terminal block (bottom) 0.14...1.5 mm² 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 Energy and alarm reports via email 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	Facility Expert Building Operation Power Operation Power Monitoring Expert 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 Weight	280 g
Package 1 Height	9 cm
Package 1 width	9.3 cm
Package 1 Length	11.3 cm
Unit Type of Package 2	S03
Number of Units in Package 2	27
Package 2 Weight	8.18 kg
Package 2 Height	30 cm
Package 2 width	30 cm
Package 2 Length	40 cm
Package 3 Height	30.0 cm

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
REACH free of SVHC	Yes
EU RoHS Directive	Compliant EU RoHS Declaration
Mercury free	Yes
RoHS exemption information	Yes
China RoHS Regulation	China RoHS declaration
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