

Product datasheet

Specifications



EcoStruxure Panel Server - advanced datalogger, energy server, 110-277 VAC/DC

PAS800

EAN Code: 3606481014375

Main

Range	EcoStruxure
Product Name	Panel Server Advanced
Product Or Component Type	Gateway
Device Short Name	PAS800
Device Application	Gateway Energy server Data logger
[Us] Rated Supply Voltage	110...277 V AC 50/60 Hz 110...277 V DC
Communication Gateway	Ethernet TCP/IP to wireless devices Ethernet/serial

Complementary

Maximum Power Consumption In W	3.5 W 110...277 V
Communication Network Type	Ethernet, 10/100BASE-T Wi-Fi2.4 GHz Wi-Fi5 GHz Wireless, IEEE 802.15.4 Modbus RTU, Modbus RTU client 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 Server	32 slave(s)Modbus RTU - without repeater 128 slave(s)Modbus RTU - with repeater 128 slave(s)Modbus TCP 40 slave(s)IEEE 802.15.4
Number Of Clients	64 Modbus TCP server
Memory Capacity	32 GB eMMC 512 MB NAND
Number Of Inputs	0
Connections - Terminals	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	Power supply: 0.6 N.m Communication: 0.25 N.m
Wire Stripping Length	Power supply: 7 mm Communication: 7 mm

Disclaimer: This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications

Connector Type	RP-SMA antenna
Mounting Mode	Clip-on
Mounting Support	DIN rail
Product Certifications	CE cULus CB RCM UKCA FCC IC DNV Marine ANSI RF
Standards	IEC 61010 IEC 61010-1 IEC 61010-2-201 UL 61010 UL 61010-1 UL 61010-2-201 EN 61010-1 EN 61010-2-201 CAN/CSA C22.2 No. 61010-1-12 CAN/CSA C22.2 No. 61010-2-201 IEC 62974-1 IEC 62443-4-1 IEC 61326-1 EN 61326-1 ETSI EN 301 489-1 ETSI EN 301 489-17 EN 301-893 EN 55032 CISPR 11 ETSI EN 300 328 IEEE 802.15.4 IEEE 802.11a/b/g/n IEEE 802.3 af/at FCC CFR 47 part 15 class A EN 62311 IEC 62311
Depth	70.2 mm
Height	93 mm
Width	72 mm
Net Weight	206 g
Data Recording	Historical dashbaording and trending 3 years data logs
Data Buffer	3 month(s)
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	Separated 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 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 EcoStruxure Energy Hub EcoStruxure Resource Advisor

Environment

Relative Humidity	0...93 %
Ip Degree Of Protection	IP40 (front face) IP20 (casing)
Ambient Air Temperature For Storage	-40...85 °C
Pollution Degree	2
Operating Altitude	< 2300 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 cm
Package 1 Length	11.2 cm
Package 1 Weight	298 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	8.68 kg

Contractual warranty

Warranty	18 months
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Sustainability

Green Premium™ label is Schneider Electric’s commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO₂ products.

Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

[Learn more about Green Premium >](#)

[Guide to assess a product’s sustainability >](#)



Transparency RoHS/REACH

Well-being performance

✓ Rohs Exemption Information Yes	
✓ Pvc Free	
✓ Halogen Free Plastic Parts & Cables Product	

Certifications & Standards

Reach Regulation	REACH Declaration
Eu Rohs Directive	Compliant with Exemptions
China Rohs Regulation	China RoHS declaration
Environmental Disclosure	Product Environmental Profile
Weee	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins
Circularity Profile	End of Life Information