

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
Memory Capacity	32 GB eMMC 512 MB NAND
Number Of Inputs	0
Connections - Terminals	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	Power supply: 0.6 N.m Communication: 0.25 N.m
Wire Stripping Length	Power supply: 7 mm Communication: 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 301-893 EN 55032 CISPR 11 EN 300-328 IEEE 802.15.4 IEEE 802.11a/b/g/n
Depth	70.2 mm
Height	93 mm
Width	72 mm
Net Weight	206 g
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	Separated Ethernet network Switched Ethernet network
Web Services	HTTPS server File upload/download via SFTP (CSV / JSON)
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
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Environment

Relative Humidity	0...93 %
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	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

Mercury Free

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](#)

Dimensions

mm
[in]

