Product data sheet

Specifications



EcoStruxure Panel Server - universal wireless, concentrator modbus gateway 24 VDC

PAS600L

Product availability: Stock - Normally stocked in distribution facility

Main

Range	EcoStruxure
Product name	Panel Server Universal
Product or Component Type	Gateway
Device short name	PAS600L
Device Application	Gateway
[Us] rated supply voltage	24 V DC
Communication gateway	Ethernet TCP/IP to wireless devices Ethernet/serial

Complementary

Product Compatibility	Wireless access point
Maximum power consumption in W	HW V2: 3.5 W 24 V HW V1: 3 W 24 V
Communication network type	HW V2: Wi-Fi infrastructure5 GHz HW V2: Wi-Fi infrastructure2.4 GHz HW V1: Wi-Fi infrastructure2.4 GHz Ethernet 10/100BASE-T Wi-Fi access point2.4 GHz Wireless IEEE 802.15.4 Modbus RTU Modbus RTU client even/odd or none parity 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 device(s)	32 Modbus RTU product(s) 128 Modbus TCP/IP product(s) 40 wireless (IEEE 802.15.4) product(s) - mixed 85 wireless (IEEE 802.15.4) product(s) - depending on configuration
Number of devices	64 Modbus TCP/IP
Memory capacity	HW V2: 32 GB eMMC HW V1: 512 MB NAND
Number of inputs	2 digital
Connections - terminals	Discrete I/O screw terminal block top) 0.0002…0.002 in² (0.14…1.5 mm²) Power supply screw terminal block top) 0.002…0.004 in² (1.5…2.5 mm²) Communication screw terminal block bottom) 0.0002…0.002 in² (0.14…1.5 mm²)
Tightening torque	Discrete I/O: 2.21 lbf.in (0.25 N.m) Power supply: 5.3 lbf.in (0.6 N.m) Communication: 2.21 lbf.in (0.25 N.m)

Price is “List Price” and may be subject to a trade discount – check with your local distributor or retailer for actual price.

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

Wire stripping length	Power supply: 0.3 in (7 mm) Communication: 0.3 in (7 mm) Discrete I/O: 0.3 in (7 mm)
Number of connectors	HW V2: 2 screw connector for Wi-Fi and IEEE 802.15.4 HW V1: 1 screw connector for Wi-Fi
Connector type	HW V2: connector(s)1 x RP-SMA Wi-Fi for antenna bottom HW V2: connector(s)1 x RP-SMA IEEE 802.15.4 for antenna top HW V1: connector(s)1 x RP-SMA Wi-Fi for antenna bottom
Mounting Mode	Clip-on
Mounting Support	DIN rail
Product Certifications	CE cULus CB RCM UKCA FCC IC DNV Marine ANSI RF IACS E10
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 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 ANSI C63.10 IEC 60945 EN 62974-1 DNVGL-GC-0339
Depth	2.8 in (70.2 mm)
Height	3.7 in (93 mm)
Width	2.8 in (72 mm)
Net Weight	6.4 oz (181 g)
Data recording	Real time data monitoring
Data buffer for data publication (cloud, SFTP, HTTPS) depending on network	1 month(s)
Function Available	Embedded web page for configuration and upgrade Diagnosis capabilities Diagnostic report Diagnostics on communication Energy management With integrated web server Firmware update Backup/restore configuration Configurable event
Product Specific Application	Wireless Schneider Electric devices ecosystem

Topology	Separated Ethernet network Switched Ethernet network
Web services	HTTPS server SFTP publication (CSV / JSON) HTTPS publication (CSV / JSON)
Communication Service	Device Profile for Web Services (DPWS) Modbus TCP client Modbus TCP server SNTP client DHCP client RSTP
Commissioning interface	EcoStruxure Power Commission desktop EcoStruxure Power Commission Mobile (through Wi-Fi Access point) EcoStruxure Power Commission web (for third party device integration) Web page
Realtime clock	With RTC-battery set With 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 Third party SCADA
Communication iinterface	Modbus and wireless (IEEE802.15.4) product

Environment

Relative humidity	5…95 %
IP degree of protection	IP40 front face) IP20 casing)
Ambient air temperature for operation	-13…158 °F (-25…70 °C) < 6561.68 ft (2000 m) -13…140 °F (-25…60 °C) 2000...4000 m
Derating factor	With temperature derating of -1 °C per 200 m 4000...5000 m
Ambient Air Temperature for Storage	-40…185 °F (-40…85 °C)
Pollution degree	3
Operating altitude	< 5000 m

Ordering and shipping details

Category	US10PL109785
Discount Schedule	0PL1
GTIN	3606481014320
Returnability	Yes
Country of origin	IN

Packing Units

Unit Type of Package 1	PCE
Nbr. of units in pkg.	1
Package 1 Height	3.465 in (8.800 cm)
Package 1 Width	3.543 in (9.000 cm)

Package 1 Length	4.449 in (11.300 cm)
Package weight(Lbs)	8.642 oz (245.000 g)
Unit Type of Package 2	S03
Number of Units in Package 2	27
Package 2 Height	11.811 in (30.000 cm)
Package 2 Width	11.811 in (30.000 cm)
Package 2 Length	15.748 in (40.000 cm)
Package 2 Weight	15.944 lb(US) (7.232 kg)
Unit Type of Package 3	P06
Number of Units in Package 3	216
Package 3 Height	29.528 in (75.000 cm)
Package 3 Width	23.622 in (60.000 cm)
Package 3 Length	31.496 in (80.000 cm)
Package 3 Weight	153.336 lb(US) (69.552 kg)

Contractual warranty

Warranty (in months)	18

Environmental Data

Schneider Electric aims to achieve Net Zero status by 2050 through supply chain partnerships, lower impact materials, and circularity via our ongoing “Use Better, Use Longer, Use Again” campaign to extend product lifetimes and recyclability.

Environmental Data explained >

How we assess product sustainability >

Environmental footprint

Total lifecycle Carbon footprint	**131 kg CO2 eq.**
Carbon footprint of the manufacturing phase [A1 to A3]	**19 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**0.2 kg CO2 eq.**
Carbon footprint of the installation phase [A5]	**0.1 kg CO2 eq.**
Carbon footprint of the use phase [B2, B3, B4, B6]	**111 kg CO2 eq.**
Carbon footprint of the end-of-life phase [C1 to C4]	**0.5 kg CO2 eq.**
Environmental Disclosure	**Product Environmental Profile**

Use Better

Materials and Substances

Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**Yes**
SCIP Number	**8fd200e0-fc2c-4c52-ba68-62f2aced16fe**
EU RoHS Directive	**Compliant By Exemption**
REACh Regulation	**Reference contains Substances of Very High Concern above the threshold**
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**
Halogen content performance	**Halogen free plastic parts & cables product**
PVC free	**Yes**

Use Again

Repack and remanufacture

Recyclability potential, in %	**1**
Circularity Profile	**End of Life Information**
Removable battery	**No**
Take-back	**No**
WEEE Label	**The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.**