Product data sheet

Specifications

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

PAS600L

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
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
Number of inputs	2 digital
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
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	70.2 mm
Height	93 mm
Width	72 mm
Net weight	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 interface	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	-25…70 °C at < 2000 m
	-25…60 °C at 2000...4000 m
Derating factor	With temperature derating of -1 °C per 200 m 4000...5000 m
Ambient air temperature for storage	-40…85 °C
Pollution degree	3
Operating altitude	< 5000 m

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	8.800 cm
Package 1 Width	9.000 cm
Package 1 Length	11.300 cm
Package 1 Weight	254.000 g
Unit Type of Package 2	S03
Number of Units in Package 2	27
Package 2 Height	30.000 cm
Package 2 Width	30.000 cm
Package 2 Length	40.000 cm
Package 2 Weight	7.444 kg
Unit Type of Package 3	P06
Number of Units in Package 3	216
Package 3 Height	75.000 cm
Package 3 Width	60.000 cm
Package 3 Length	80.000 cm
Package 3 Weight	69.552 kg

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	**617**
Environmental Disclosure	**Product Environmental Profile**

Use Better

Materials and Substances

Packaging made with recycled cardboard	**Yes**
Packaging without single use plastic	**Yes**
EU RoHS Directive	**Compliant with Exemptions**
SCIP Number	**8fd200e0-fc2c-4c52-ba68-62f2aced16fe**
REACh Regulation	**REACh Declaration**
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-free status	**Halogen free plastic parts & cables product**
PVC free	**Yes**

Use Again

Repack and remanufacture

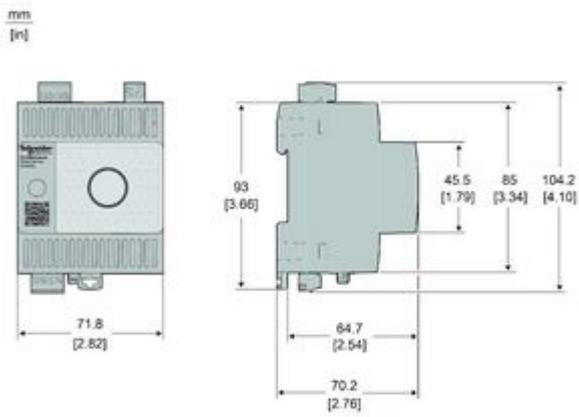|	
End of life manual availability	**End of Life Information**
Removable battery	**No**
Take-back	**No**
WEEE Label	**The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins**

Technical Illustration

Dimensions

mm
[in]

93
[3.66]

45.5
[1.79]

85
[3.34]

104.2
[4.10]

71.8
[2.82]

64.7
[2.54]

70.2
[2.76]

Technical illustration

Product Installation