Product datasheet

Specifications



EcoStruxure Panel Server Wired by Design - universal concentrator modbus gateway 24 VDC

PAS600LWD

Main

Range	EcoStruxure
Product name	Panel Server Universal Wired by Design
Product or component type	Gateway
Device short name	PAS600LWD
Device application	Gateway
[Us] rated supply voltage	24 V DC
Communication gateway	Ethernet/serial

Complementary

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)
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 IACS E10

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

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 EN 55032 CISPR 11 FCC CFR 47 part 15 class A IEC 60945 EN 62974-1 DNVGL-GC-0339 IEC 62947-1
Depth	70.2 mm
Height	93 mm
Width	72 mm
Product weight	180 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
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 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 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	8.900 cm
Package 1 Width	9.000 cm
Package 1 Length	11.200 cm
Package 1 Weight	242.000 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	7.130 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]	**18 kg CO2 eq.**
Carbon footprint of the distribution phase [A4]	**0.1 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**
PVC free	**Yes**

Use Longer

Lifetime extension

Repair	**No**

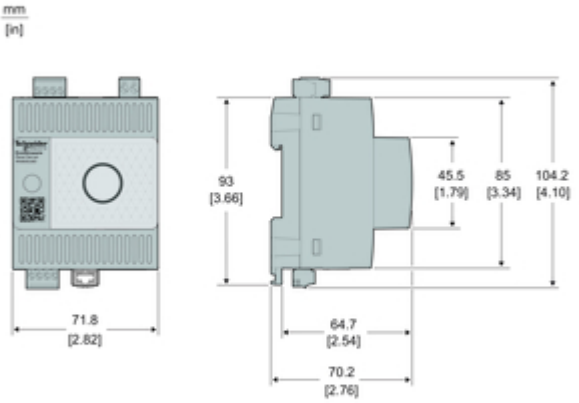
Use Again

Repack and remanufacture

Recyclability potential, in %	**1**
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



Technical illustration

Product Installation

