

PAS600LWD

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



Main

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

Complementary

Maximum power consumption in W	3.5 W 24 V
Communication network type	Ethernet, 10/100BASE-T Modbus RTU, Modbus RTU client even/odd or none 1.2...115.2 kbit/s Wired
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 server device(s) Modbus RTU - without repeater 128 server device(s) Modbus RTU - with repeater 128 server device(s) Modbus TCP/IP
Number of devices	64 Modbus TCP/IP
Memory capacity	32 GB eMMC
Number of Inputs	2 digital
Connections - terminals	Discrete I/O screw terminal block top) 0.0002...0.002 in ² (0.14...1.5 mm ²) Power supply screw terminal block top) 0.002...0.004 in ² (1.5...2.5 mm ²) Communication screw terminal block bottom) 0.0002...0.002 in ² (0.14...1.5 mm ²)
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)
Wire stripping length	Power supply: 0.3 in (7 mm) Communication: 0.3 in (7 mm) Discrete I/O: 0.3 in (7 mm)
Mounting Mode	Clip-on
Mounting Support	DIN rail
Product Certifications	CE[RETURN]cULus[RETURN]CB[RETURN]RCM[RETURN]UKCA[RETURN]FCC[RETURN]IC[RETURN]I/O Marine[RETURN]IACS E10

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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	2.8 in (70.2 mm)
Height	3.7 in (93 mm)
Width	2.8 in (72 mm)
Net Weight	6.3 oz (180 g)
Data recording	Data logs
Data Retention Time	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 Event Logger
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 DHCP server
Commissioning interface	EcoStruxure Power Commission desktop EcoStruxure Power Commission web (for third party device integration) 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	5...95 %
IP degree of protection	IP40 front face) IP20 casing)
Ambient air temperature for operation	-13.0000000000...158.0000000000 °F (-25...70 °C) < 6561.68 ft (2000 m) -13.0000000000...140.0000000000 °F (-25...60 °C) 2000...4000 m
Ambient Air Temperature for Storage	-40.0000000000...185.0000000000 °F (-40...85 °C)
Pollution degree	3
Operating altitude	0...13123.36 ft (0...4000 m)

Packing Units

Unit Type of Package 1	PCE
Number of Units in Package 1	1
Package 1 Height	3.3 in (8.5 cm)
Package 1 Width	3.5 in (9.0 cm)
Package 1 Length	4.3 in (11.0 cm)
Package 1 Weight	9.4 oz (267 g)

Offer Sustainability

Sustainable offer status	Green Premium product
REACH Regulation	REACH Declaration
EU RoHS Directive	Compliant with Exemptions
China RoHS Regulation	China RoHS Declaration
RoHS exemption information	Yes
Environmental Disclosure	Product Environmental Profile
Circularity Profile	End Of Life Information
WEEE	The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins.
PVC free	Yes