# Product datasheet

Specifications

## EcoStruxure Panel Server - universal wireless, concentrator modbus gateway 110-240 VAC/DC

PAS600T

⚠ **Discontinued on:** 15 Apr 2024

⚠ **To be end-of-service on:** 15 Apr 2025

⚠ **Discontinued**

## Main

| | |
|---|---|
| Range | EcoStruxure |
| product name | Panel Server Universal |
| Product or component type | Gateway |
| Device short name | PAS600T |
| [Us] rated supply voltage | 110...240 V AC 50/60 Hz<br>110...240 V DC |
| Communication gateway | Ethernet TCP/IP to wireless devices<br>Ethernet/serial |

## Complementary

| | |
|---|---|
| Maximum power consumption in W | 3 W 110...277 V |
| Communication network type | Ethernet, 10/100BASE-T<br>Wi-Fi2.4 GHz<br>Wireless, IEEE 802.15.4<br>Modbus RTU, Modbus RTU client even/odd or none parity, at 1.2...115.2 kbit/s |
| Communication port protocol | Modbus TCP<br>DHCP<br>HTTPS<br>NTP/SNTP<br>IPv4<br>IPv6<br>TCP/IP |
| Communication port support | 2 RJ45: ETHERNET<br>Screw terminal block: RS485 |
| Number of server | 32 server device(s)Modbus RTU - without repeater<br>128 server device(s)Modbus RTU - with repeater<br>128 server device(s)Modbus TCP/IP<br>40 server device(s)wireless - mixed<br>85 server device(s)wireless - depending on configuration |
| Number of clients | 64 Modbus TCP/IP |
| Memory capacity | 512 MB NAND |
| Number of inputs | 0 |
| Connections - terminals | Power supply: screw terminal block (top) 1.5…2.5 mm² cable(s)<br>Communication: screw terminal block (bottom) 0.14…1.5 mm² cable(s) |
| Tightening torque | Power supply: 0.6 N.m<br>Communication: 0.25 N.m |
| Wire stripping length | Power supply: 7 mm<br>Communication: 7 mm |
| Mounting mode | Clip-on |

| Mounting support | DIN rail |
| --- | --- |
| Product certifications | CE<br>cULus<br>CB<br>RCM<br>UKCA<br>FCC<br>IC<br>DNV Marine<br>ANSI RF<br>IACS E10 |
| Standards | IEC 61010<br>IEC 61010-1<br>IEC 61010-2-201<br>UL 61010<br>UL 61010-1<br>UL 61010-2-201<br>EN 61010-1<br>EN 61010-2-201<br>CAN/CSA C22.2 No. 61010-1-12<br>CAN/CSA C22.2 No. 61010-2-201<br>IEC 62974-1<br>IEC 61326-1<br>EN 61326-1<br>ETSI EN 301 489-1<br>ETSI EN 301 489-17<br>EN 55032<br>CISPR 11<br>ETSI EN 300 328<br>IEEE 802.15.4<br>IEEE 802.11a/b/g/n<br>IEEE 802.3 af/at<br>FCC CFR 47 part 15 class A<br>EN 62311<br>IEC 62311<br>ANSI C63.10<br>IEC 60945<br>EN 62974-1<br>DNVGL-GC-0339 |
| Depth | 70.2 mm |
| Height | 93 mm |
| Width | 72 mm |
| Net weight | 201 g |
| Data buffer | 1 month(s) |
| Function available | Embedded web page for configuration and upgrade<br>Diagnosis capabilities<br>Diagnostic report<br>Diagnostics on communication<br>Energy management<br>With integrated web server<br>Firmware update<br>Backup/restore configuration<br>Configurable event<br>Event Logger |
| Product specific application | Wireless Schneider Electric devices ecosystem |
| Topology | Separated Ethernet network<br>Switched Ethernet network |
| Web services | HTTPS server<br>SFTP publication (CSV / JSON) |
| Communication service | Device Profile for Web Services (DPWS)<br>Modbus TCP client<br>Modbus TCP server<br>SNTP client<br>DHCP client<br>DHCP server |

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| 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 | 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 | 8.5 cm |
| Package 1 Width | 9.0 cm |
| Package 1 Length | 11.0 cm |
| Package 1 Weight | 289.0 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 | 8.407 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

| | |
|---|---|
| Carbon footprint (kg.eq.CO2 per CR, Total Life cycle) | **47** |
| 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** |
| China RoHS Regulation | **China RoHS declaration** |
| PVC free | **Yes** |

## Use Again

### ⟳ Repack and remanufacture

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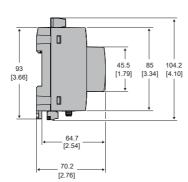| | |
|---|---|
| Circularity Profile | **End of Life Information** |
| Removable battery | **No** |
| WEEE | The product must be disposed on European Union markets following specific waste collection and never end up in rubbish bins |
| Halogen content performance | **Halogen free plastic parts & cables product** |
| Take-back | **No** |

# Product datasheet

## PAS600T

Technical Illustration

**Dimensions**



$\dfrac{mm}{[in]}$

71.8 [2.82]

93 [3.66]

45.5 [1.79]  85 [3.34]  104.2 [4.10]

64.7 [2.54]

70.2 [2.76]

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Technical Illustration

**Product installation**