EcoStruxure LV434021 Panel Server Modbus File User Guide
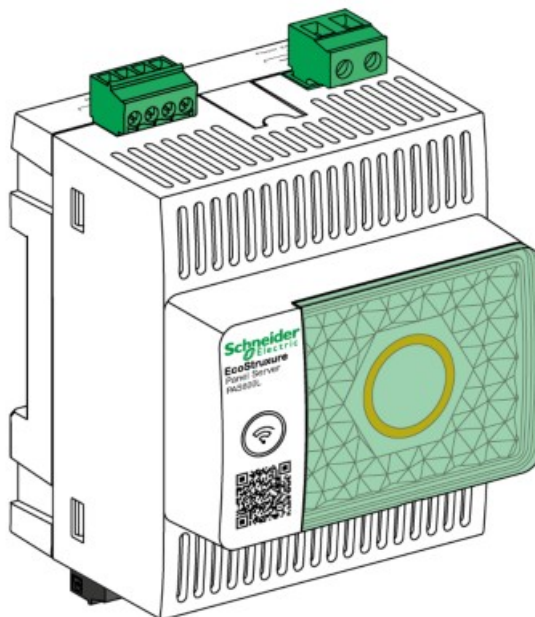
EcoStruxure Panel Server Modbus File
Wireless Concentrator and Modbus Gateway, Datalogger and Energy Server
EcoStruxure offers IoT-enabled architecture and platform. DOCA0241EN-02 07/2022

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Safety Information

Important Information

Read these instructions carefully, and look at the equipment to become familiar with the device before trying to install, operate, service, or maintain it. The following special messages may appear throughout this documentation or on the equipment to warn of potential hazards or to call attention to information that clarifies or simplifies a procedure.

The addition of this symbol to a "Danger" or "Warning" safety label indicates that an electrical hazard exists which will result in personal injury if the instructions are not followed.

This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

DANGER

DANGER indicates a hazardous situation which, if not avoided, **will result in** death or serious injury.

WARNING

WARNING indicates a hazardous situation which, if not avoided, **could result in** death or serious injury.

CAUTION

CAUTION indicates a hazardous situation which, if not avoided, **could result in** minor or moderate injury.

NOTICE

NOTICE is used to address practices not related to physical injury.

Please Note

Electrical equipment should be installed, operated, serviced, and maintained only by qualified personnel. No responsibility is assumed by Schneider Electric for any consequences arising out of the use of this material. A qualified person is one who has skills and knowledge related to the construction and operation of electrical equipment and its installation, and has received safety training to recognize and avoid the hazards

Cybersecurity Safety Notice

WARNING

POTENTIAL COMPROMISE OF SYSTEM AVAILABILITY, INTEGRITY, AND CONFIDENTIALITY

- Disable unused ports/services to help minimize pathways for malicious attackers.
- Place networked devices behind multiple layers of cyber defenses (such as firewalls, network segmentation, and network intrusion detection and protection).
- Use cybersecurity best practices (for example, least privilege, separation of duties) to help prevent unauthorized exposure, loss, modification of data and logs, or interruption of services.

Failure to follow these instructions can result in death, serious injury, or equipment damage.

FCC Notice

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference, and
- this device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operating in a commercial environment. This equipment generates, uses, and can radiate radiofrequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.
This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator and your body.
NOTE: The country code selection is for non-US model only and is not available to all US models. Per FCC regulation, all Wi-Fi product marketed in US must fixed to US operation channels only.

About the File

Document Scope

The aim of this file is to provide users, installers, and maintenance personnel with the Modbus registers of:

- EcoStruxureTM Panel Server gateways
- The wireless devices connected to the Panel Server.

  These registers provide metering, monitoring, and diagnosis information. For the EcoStruxure Panel Server and each device connected, the list of Modbus registers depends on the application, the type of device and the enabled functions.

Validity Note

This file applies to the following EcoStruxure Panel Server models:

- Universal with firmware version 001.003.002 or greater
- Advanced with firmware version 001.003.002 or greater

Convention

EcoStruxure Panel Server is referred to as Panel Server.

Online Information

The information contained in this file is likely to be updated at any time.
Schneider Electric strongly recommends that you have the most recent and up-todate version available on
https://se.com/ww/en/download
The technical characteristics of the devices described in this file also appear online.

To access the information online, go to the Schneider Electric home page at **https://www.se.com**

Related Documents

Title of documentation	Reference number
EcoStruxure Panel Server – User Guide	DOCA0172EN
EcoStruxure Panel Server Universal – Firmware Release Notes	DOCA0178EN
EcoStruxure Panel Server Advanced – Firmware Release Notes	DOCA0248EN

You can download these technical publications and other technical information from our website at **https://se.com/ww/en/download**

#Internal

Documents / Resources

EcoStruxure LV434021 Panel Server Modbus File [pdf] User Guide
LV434021 Panel Server Modbus File, LV434021, Panel Server Modbus File, Server Modbus File

References

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- 🔗 **Schneider Electric Global | Global Specialist in Energy Management and Automation**