



EcoStruxure Panel Server Entry

Firmware Release Notes

Wireless Devices Concentrator and Gateway

EcoStruxure offers IoT-enabled architecture and platform.

DOCA0249EN-03
11/2023



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About the Book

Document Scope

This document provides users with the following information about the EcoStruxure™ Panel Server Entry gateway:

- History of previous firmware versions
- List of devices supported

Validity Note

This document applies to the Panel Server Entry gateway with firmware version 001.008.000.

Convention

EcoStruxure Panel Server is hereafter referred to as Panel Server.

Online Information

The information contained in this guide is likely to be updated at any time. Schneider Electric strongly recommends that you have the most recent and up-to-date version available on www.se.com/ww/en/download.

The technical characteristics of the devices described in this guide also appear online. To access the information online, go to the Schneider Electric home page at www.se.com.

Related Documents

Title of documentation	Publication date	Reference number
<i>EcoStruxure Panel Server - User Guide</i>	11/2023	DOCA0172EN
<i>EcoStruxure Panel Server - Modbus File</i>	11/2023	DOCA0241EN

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

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Introduction

EcoStruxure Master Range

EcoStruxure is Schneider Electric's IoT-enabled, plug-and-play, open, interoperable architecture and platform, in Homes, Buildings, Data Centers, Infrastructure and Industries. Innovation at Every Level from Connected Products to Edge Control, and Apps, Analytics and Services.

Panel Server Entry Gateway

Panel Server Entry (PAS400) is a high performance, all-in-one gateway used to retrieve data from IEEE 802.15.4 devices.

Panel Server Entry is a data concentrator for wireless devices (see detailed list, page 19).

Panel Server Entry offers the following features:

- One 10/100BASE-T Ethernet RJ45 port
- Upstream Modbus TCP/IP connectivity (edge connection)
- Upstream Wi-Fi connectivity
- Downstream IEEE 802.15.4 connectivity
- Data sampling
- Compatible with the following commissioning tools of Panel Server and connected devices:
 - EcoStruxure Power Commission software
 - EcoStruxure Panel Server webpages
- Compatible with the following Schneider Electric cloud applications:
 - EcoStruxure Energy Hub
 - EcoStruxure Facility Expert
 - EcoStruxure Asset Advisor
 - EcoStruxure Resource Advisor

Firmware Release History

Date	Panel Server Entry firmware version	Availability
November 2023	001.008.000	Latest commercial release
August 2023	001.007.000	Obsolete
June 2023	001.006.000	Obsolete

Firmware Update Policy

Firmware update is recommended to benefit from the latest features and potential bug fixes.

Firmware Update with EcoStruxure Power Commission Software

Use the latest version (version 2.29.0 or higher) of EcoStruxure Power Commission software to update Panel Server to the latest firmware version available.

The latest version of EcoStruxure Power Commission software is available at www.se.com.

For more information about the use of EcoStruxure Power Commission software, refer to *EcoStruxure Power Commission Online Help*.

Firmware Update with EcoStruxure Panel Server Webpages

To update the firmware with the Panel Server webpages, proceed as follows:

1. Make sure that the Panel Server is continuously powered during the firmware update.
2. From www.se.com, download the latest version of Panel Server firmware on your PC.
3. Connect your PC to the Panel Server via an Ethernet cable.
4. Follow the procedure described in [DOCA0172EN EcoStruxure Panel Server - User Guide](#) to access the Panel Server webpages.
5. From the Panel Server webpages, select **Maintenance > Firmware update > Firmware update**.
6. Import the firmware file and follow the instructions.
7. Reboot the Panel Server to update the firmware.

NOTE: The Panel Server webpages cannot be accessed while the Panel Server is rebooting.

8. After the reboot, check that the firmware version is the latest to make sure that the update is effective.
If the firmware version is still the old one, perform the firmware update again.
If the problem persists, contact your Schneider Electric customer support.

Firmware Versions

Firmware Version 001.008.000

New Features

- Improvement in commissioning of wireless PowerTag Energy devices
- Wireless PowerTag Control devices:
 - Full integration of following devices:
 - PowerTag C IO 230V digital input output module (A9XMC1D3)
 - PowerTag C 2DI 230V digital input module (A9XMC2D3)
 - Enable/disable local control from webpages
- Data sampling: popup message is displayed in the webpages when number of sampled data of paired Modbus or wireless devices is close to 90% of or exceeds the system sampling limit. Recommended action is provided.
- Webpage user experience improved:
 - **Monitoring and Control** menu: all digits of energy data values are displayed (scientific notation no longer used)

General Features

The following table presents the availability of general features on Panel Server Entry in firmware version 001.008.000.

● Available

● Not available

General features		Availability
Functionality	Connection to Edge Control (EcoStruxure Power Monitoring Expert, EcoStruxure Power Operation, EcoStruxure Building Operation, any Building Management System, or third-party monitoring or supervision system)	●
Wi-Fi	2.4 GHz	●
	5 GHz	●
IEEE 802.15.4 communication	Up to 20 wireless devices as combination of: <ul style="list-style-type: none"> • PowerTag Energy sensors • PowerLogic Tag energy sensors • Acti9 Active • wireless indication auxiliaries for ComPacT and PowerPacT circuit breakers • wireless CO₂ sensors • wireless temperature and humidity sensors • PowerTag A • PowerTag Ambient • Easergy TH110/CL110 environmental sensors • PowerLogic HeatTag sensors 	●
Human Machine Interface (HMI)	FDM128 Ethernet display	●
	PowerTag Link display	●
Configuration	User management by single user account	●

General features		Availability
	User management by multiple users with Role-Based Access Control (RBAC)	●
Alarms	Publication of alarms related to: <ul style="list-style-type: none"> • Communication issue between a device and Panel Server when available from the end devices • The three levels of alarms from HeatTag sensors 	●
Protocols	Modbus TCP/IP server	●
	DHCP client	●
	DHCP server	●
	DPWS server	●
	HTTPS	●
	SFTP client	●
Data export	Panel Server webpages for publication on SFTP server	●
	Publication on Schneider Electric cloud by using Panel Server webpages	●

Commissioning and Monitoring Features

The following table presents the availability of commissioning and monitoring features on Panel Server Entry in firmware version 001.008.000.

- Available
- Not available

Commissioning and monitoring features		Availability
Firmware update	Applied to one Panel Server gateway by using EcoStruxure Power Commission software	●
	Applied to one Panel Server gateway by using Panel Server webpages	●
	Applied to several Panel Server gateways by using EcoStruxure Power Commission software	●
	Applied to several Panel Server gateways by using Panel Server webpages	●
Backup restore	Backup restore on a Panel Server of the same model by using EcoStruxure Power Commission software	●
	Backup restore on a Panel Server of the same model by using Panel Server webpages	●
Configuration	Configuration by using EcoStruxure Power Commission software	●
	Ethernet configuration for upstream communication by using Panel Server webpages	●
	Selective pairing of wireless devices by using EcoStruxure Power Commission software	●
	Selective pairing of wireless devices by using Panel Server webpages	●
Monitoring	Display of data of the supported devices (see commercial references in <i>Supported Devices</i> , page 19) by using Panel Server webpages	●
	Diagnostic by using Panel Server webpages	●

Performance and Limitations

- Limitation on SFTP publication - CSV file content not consistent over firmware releases:
 - When using the custom I/O contextualization of a Pulse counter device connected to the embedded input of the Panel Server, the format of the CSV files published through SFTP is not consistent with the format seen with firmware version 001.006.000. To see the data label **IoCountMeasurement** in your CSV scripts, enter *IoCountMeasurement* in the **Consumption meter element name** field on the Panel Server web pages at **Settings > Embedded input management**.
 - The above limitation and work-around also apply to a Pulse counter device connected downstream to the I/O Smart Link device.
- Web browser Mozilla Firefox not supported
- General performance and limitations:
 - When SFTP publication is enabled, alarms are displayed in the Panel Server webpages but are not published on SFTP Server.
 - Wi-Fi function available through a connection to a Wi-Fi infrastructure only. Access point function not available.
 - Keep firmware up to date in order to allow the Schneider Electric Customer Care Center to remotely access the Panel Server webpages. Remote access certificate validity is as follows:
 - Panel Server Firmware version 001.006.000: certificate valid until 28 January 2024.
 - Panel Server Firmware version 001.007.000: certificate valid until 5 May 2024.
 - Panel Server Firmware version 001.008.000: certificate valid until 23 July 2024

For more information about Firmware Update, refer to [DOCA0172EN EcoStruxure Panel Server - User Guide](#).
- Limitations on logging and alarming:
 - The number of individual data points that can be sampled is limited to 5 000 and limited to a flow of 500 data points per minute.
 - The number of individual alarms that can be configured for monitoring and sending an email notification is limited to 100.
- Limitations on wireless devices:
 - Within a parent-child Panel Server gateway configuration, the modification of a contextualized setting of a device to the child Panel Server (for example, auxiliary position modified from SD to SDE) is not automatically reflected in the parent gateway. A manual update in the parent Panel Server is required to display modifications.
 - Wireless indication auxiliary: the Panel Server does not manage alarm notification by email or to Schneider Electric cloud applications.
 - PowerTag Control:
 - If a PowerTag Control device is connected to a child gateway:
 - ◊ No automatic discovery.
 - ◊ No data is published to the parent gateway. To be able to publish at the parent gateway level, a custom model has to be developed for the parent gateway.
 - Pairing process to be followed:
 1. Pair the PowerTag Control devices if any in the configuration (all the other wireless devices must be unpowered).
 2. Pair the PowerLogic HeatTag sensors if any in the configuration.
 3. Pair PowerLogic PD100 if any in the configuration.
 4. Pair the other wireless devices.

- Limitations on topology publication to the Schneider Electric cloud: all the devices must be connected at least once to the Panel Server to enable the correct topology to be published to the Schneider Electric cloud.

Firmware Version 001.007.000

New Features

- Improved support of wireless indication auxiliary (LV429453, LV429454) through Panel Server webpages:
 - Contextualization
 - Accurate monitoring
- Webpages improved:
 - Responsive display of **General** pages
 - Addition of warning messages and tool-tips

General Features

The following table presents the availability of general features on Panel Server Entry in firmware version 001.007.000.

● Available

● Not available

General features		Availability
Functionality	Connection to Edge Control (EcoStruxure Power Monitoring Expert, EcoStruxure Power Operation, EcoStruxure Building Operation, any Building Management System, or third-party monitoring or supervision system)	●
Wi-Fi	2.4 GHz	●
	5 GHz	●
IEEE 802.15.4 communication	Up to 20 wireless devices as combination of: <ul style="list-style-type: none"> • PowerTag Energy sensors • PowerLogic Tag energy sensors • Acti9 Active • wireless indication auxiliaries for ComPacT and PowerPacT circuit breakers • wireless CO₂ sensors • wireless temperature and humidity sensors • PowerTag A • PowerTag Ambient • Easergy TH110/CL110 environmental sensors • PowerLogic HeatTag sensors 	●
Human Machine Interface (HMI)	FDM128 Ethernet display	●
	PowerTag Link display	●
Configuration	User management by single user account	●
	User management by multiple users with Role-Based Access Control (RBAC)	●
Alarms	Publication of alarms related to: <ul style="list-style-type: none"> • Communication issue between a device and Panel Server when available from the end devices • The three levels of alarms from HeatTag sensors 	●
Protocols	Modbus TCP/IP server	●
	DHCP client	●
	DHCP server	●

General features		Availability
	DPWS server	●
	HTTPS	●
	SFTP client	●
Data export	Panel Server webpages for publication on SFTP server	●
	Publication on Schneider Electric cloud by using Panel Server webpages	●

Commissioning and Monitoring Features

The following table presents the availability of commissioning and monitoring features on Panel Server Entry in firmware version 001.007.000.

● Available

● Not available

Commissioning and monitoring features		Availability
Firmware update	Applied to one Panel Server gateway by using EcoStruxure Power Commission software	●
	Applied to one Panel Server gateway by using Panel Server webpages	●
	Applied to several Panel Server gateways by using EcoStruxure Power Commission software	●
	Applied to several Panel Server gateways by using Panel Server webpages	●
Backup restore	Backup restore on a Panel Server of the same model by using EcoStruxure Power Commission software	●
	Backup restore on a Panel Server of the same model by using Panel Server webpages	●
Configuration	Configuration by using EcoStruxure Power Commission software	●
	Ethernet configuration for upstream communication by using Panel Server webpages	●
	Selective pairing of wireless devices by using EcoStruxure Power Commission software	●
	Selective pairing of wireless devices by using Panel Server webpages	●
Monitoring	Display of data of the supported devices (see commercial references in <i>Supported Devices</i> , page 19) by using Panel Server webpages	●
	Diagnostic by using Panel Server webpages	●

Performance and Limitations

- Performance and limitations on Panel Server Entry:
 - When SFTP publication is enabled, alarms are displayed in the Panel Server webpages but are not published on SFTP Server.
 - The typical response time to Modbus TCP/IP request for a wireless IEEE 802.15.4 device is 30 ms.
 - The maximum response time to Modbus TCP/IP request for a wireless IEEE 802.15.4 device is 1 s, set up Modbus/TCP client timeout accordingly.
 - Wi-Fi function available through a connection to a Wi-Fi infrastructure only. Access point function not available.
 - A few device identification data of the aggregated devices connected downstream a Smartlink SI B or Smartlink SI D (such as I/O Smart Link or wireless devices) are displayed in the Panel Server webpage if those data are configured and commissioned from the Smartlink SI B or Smartlink SI D webpage.
 - Keep firmware up to date in order to allow the Schneider Electric Customer Care Center to remotely access the Panel Server webpages. Remote access certificate for firmware version 001.006 .000 is valid until 28 January 2024.

For more information about Firmware Update, refer to [DOCA0172EN EcoStruxure Panel Server - User Guide](#).
- Limitations on sampling and publishing for Schneider Electric cloud applications:
 - The number of individual data points that can be sampled is limited to 2,000 and limited to a flow of 500 data points per minute.
 - The number of individual alarms that can be configured for monitoring is limited to 100.

- Limitations on wireless devices:
 - PowerTag Control:
 - Feedback loop in contactor mode is not supported.
 - Configuration in impulse relay mode is not supported.
 - If a PowerTag Control device is connected to a child gateway:
 - ◇ No automatic discovery.
 - ◇ No data is published to the parent gateway. To be able to publish at the parent gateway level, a custom model has to be developed for the parent gateway.
 - ◇ No control function is available through the Panel Server webpages.
 - ◇ Pairing process to be followed:
 1. Pair the PowerTag Control devices if any in the configuration (all the other wireless devices must be unpowered).
 2. Pair the PowerLogic HeatTag sensors if any in the configuration.
 3. Pair PowerLogic PD100 if any in the configuration.
 4. Pair the other wireless devices.
 - PowerTag Display: not supported by Panel Server Entry.
 - Limitations on Modbus circuit breakers
 - Panel Server does not support MicroLogic 2.0 E.
MicroLogic 7.0 E is partially supported.
MicroLogic 5.0 E and 6.0 E are supported.
 - Panel Server does not support multiple Modbus/TCP connections to MicroLogic command interface when the MicroLogic is connected under an IFM interface.
 - Limitations on topology publication to the Schneider Electric cloud: all the devices must be connected at least once to the Panel Server to enable the correct topology to be published to the Schneider Electric cloud.

NOTE: If the Panel Server is rebooted before sending the topology, all devices should be connected while rebooting to enable the correct topology publication. In the case of a parent/child configuration, devices should have connected status on the parent device.
 - Limitations on custom model for wireless devices connected under a child gateway: if a custom model uses the same name as a predefined model and devices are already associated with the predefined model, follow this procedure to load the custom model:
 1. Decommission any device already associated with the predefined model.
 2. Load the custom model in the Panel Server.
 3. Reboot the Panel Server.
 4. Associate the devices with the newly loaded custom model.
 5. Publish the topology in case of use of the Panel Server with a Schneider Electric cloud application such EcoStruxure Asset Advisor or EcoStruxure Resource Advisor.

Firmware Version 001.006.000

Description

Firmware initial version for EcoStruxure Panel Server Entry.

General Features

The following table presents the availability of general features on Panel Server Entry in firmware version 001.006.000.

● Available

● Not available

General features		Availability
Functionality	Connection to Edge Control (EcoStruxure Power Monitoring Expert, EcoStruxure Power Operation, EcoStruxure Building Operation, any Building Management System, or third-party monitoring or supervision system)	●
Wi-Fi	2.4 GHz	●
	5 GHz	●
IEEE 802.15.4 communication	Up to 20 wireless devices as combination of: <ul style="list-style-type: none"> PowerTag Energy sensors PowerLogic Tag energy sensors Acti9 Active wireless indication auxiliaries for ComPacT and PowerPacT circuit breakers wireless CO₂ sensors wireless temperature and humidity sensors PowerTag A PowerTag Ambient Easergy TH110/CL110 environmental sensors PowerLogic HeatTag sensors 	●
Human Machine Interface (HMI)	FDM128 Ethernet display	●
	PowerTag Link display	●
Backup restore	Backup and Panel Server configuration restore by using Panel Server webpages and EcoStruxure Power Commission software	●
Configuration	User management by single user account	●
	User management by multiple users with Role-Based Access Control (RBAC)	●
Alarms	Publication of alarms related to: <ul style="list-style-type: none"> Communication issue between a device and Panel Server when available from the end devices The three levels of alarms from HeatTag sensors 	●
Protocols	Modbus TCP/IP server	●
	DHCP client	●
	DHCP server	●
	DPWS server	●
	HTTPS	●

General features		Availability
	SFTP client	●
Data export	Panel Server webpages for publication on SFTP server	●
	Publication on Schneider Electric cloud by using Panel Server webpages	●

Commissioning and Monitoring Features

The following table presents the availability of commissioning and monitoring features on Panel Server Entry in firmware version 001.006.000.

● Available

● Not available

Commissioning and monitoring features		Availability
Firmware update	Applied to one Panel Server gateway by using EcoStruxure Power Commission software	●
	Applied to one Panel Server gateway by using Panel Server webpages	●
	Applied to several Panel Server gateways by using EcoStruxure Power Commission software	●
	Applied to several Panel Server gateways by using Panel Server webpages	●
Backup restore	Backup restore on a Panel Server of the same model by using EcoStruxure Power Commission software	●
	Backup restore on a Panel Server of the same model by using Panel Server webpages	●
Configuration	Configuration by using EcoStruxure Power Commission software	●
	Ethernet configuration for upstream communication by using Panel Server webpages	●
	Selective pairing of wireless devices by using EcoStruxure Power Commission software	●
	Selective pairing of wireless devices by using Panel Server webpages	●
Monitoring	Display of data of the supported devices (see commercial references in <i>Supported Devices</i> , page 19) by using Panel Server webpages	●
	Diagnostic by using Panel Server webpages	●

Performance and Limitations

- Performance and limitations on Panel Server Entry:
 - When SFTP publication is enabled, alarms are displayed in the Panel Server webpages but are not published on SFTP Server.
 - The typical response time to Modbus TCP/IP request for a wireless IEEE 802.15.4 device is 30 ms.
 - The maximum response time to Modbus TCP/IP request for a wireless IEEE 802.15.4 device is 1 s, set up Modbus/TCP client timeout accordingly.
 - Wi-Fi function available through a connection to a Wi-Fi infrastructure only. Access point function not available.

- Limitations on sampling and publishing for Schneider Electric cloud applications:
 - The number of individual data points that can be sampled is limited to 2,000 and limited to a flow of 500 data points per minute.
 - The number of individual alarms that can be configured for monitoring is limited to 100.
- Limitations on wireless devices:
 - PowerTag Control:
 - Feedback loop in contactor mode is not supported.
 - Configuration in impulse relay mode is not supported.
 - If a PowerTag Control device is connected to a child gateway:
 - ◇ No automatic discovery.
 - ◇ No data is published to the parent gateway. To be able to publish at the parent gateway level, a custom model has to be developed for the parent gateway.
 - ◇ No control function is available through the Panel Server webpages.
 - ◇ Pairing process to be followed:
 1. Pair the PowerTag Control devices if any in the configuration (all the other wireless devices must be unpowered).
 2. Pair the PowerLogic HeatTag sensors if any in the configuration.
 3. Pair PowerLogic PD100 if any in the configuration.
 4. Pair the other wireless devices.
 - PowerTag Display: not supported by Panel Server Entry.
 - Limitations on topology publication to the Schneider Electric cloud: all the devices must be connected at least once to the Panel Server to enable the correct topology to be published to the Schneider Electric cloud.
 - Limitations on custom model for wireless devices connected under a child gateway: if a custom model uses the same name as a predefined model and devices are already associated with the predefined model, follow this procedure to load the custom model:
 1. Decommission any device already associated with the predefined model.
 2. Load the custom model in the Panel Server.
 3. Reboot the Panel Server.
 4. Associate the devices with the newly loaded custom model.
 5. Publish the topology in case of use of the Panel Server with a Schneider Electric cloud application such EcoStruxure Asset Advisor or EcoStruxure Resource Advisor.

Supported Wireless Devices

The following table shows the minimum Panel Server Entry firmware version and the minimum firmware version of the wireless device required to enable communication with wireless devices.

● Available

Device family	Device		PAS400 firmware version		Comments
			001.006.000	001.007.000	
Power meter	PowerTag A9 M63 1P+W	A9MEM1520	●	●	FW v004.000.424 Modbus mapping identical to PowerTag Link
Power meter	PowerTag A9 M63 1P+N Top	A9MEM1521	●	●	FW v004.000.424 Modbus mapping identical to PowerTag Link
Power meter	PowerTag A9 M63 1P+N Bottom	A9MEM1522	●	●	FW v004.000.424 Modbus mapping identical to PowerTag Link
Power meter	PowerTag A9 M63 3P	A9MEM1540	●	●	FW v004.000.424 Modbus mapping identical to PowerTag Link
Power meter	PowerTag A9 M63 3P+N Top	A9MEM1541	●	●	FW v004.000.424 Modbus mapping identical to PowerTag Link
Power meter	PowerTag A9 M63 3P+N Bottom	A9MEM1542	●	●	FW v004.000.424 Modbus mapping identical to PowerTag Link
Power meter	PowerTag A9MEM 1543	A9MEM1543	●	●	FW v004.000.424 Modbus mapping identical to PowerTag Link
Power meter	PowerTag M250 3P 250A	LV434020	●	●	FW v001.003.002 Modbus mapping identical to PowerTag Link
Power meter	PowerTag M630 3P 630A	LV434022	●	●	FW v001.003.002 Modbus mapping identical to PowerTag Link
Power meter	PowerTag M250 3P+N 250A	LV434021	●	●	FW v001.003.002 Modbus mapping identical to PowerTag Link
Power meter	PowerTag M630 3P+N 630A	LV434023	●	●	FW v001.003.002 Modbus mapping identical to PowerTag Link
Power meter	PowerTag A9 P63 1P+N Top	A9MEM1560	●	●	FW v004.000.424 Modbus mapping identical to PowerTag Link
Power meter	PowerTag A9 P63 1P+N Top	A9MEM1561	●	●	FW v004.000.424 Modbus mapping identical to PowerTag Link
Power meter	PowerTag A9 P63 1P+N Bottom	A9MEM1562	●	●	FW v004.000.424 Modbus mapping identical to PowerTag Link
Power meter	PowerTag A9 P63 1P+N Bottom RCBO	A9MEM1563	●	●	FW v004.000.424 Modbus mapping identical to PowerTag Link
Power meter	PowerTag A9 F63 1P+N 110V	A9MEM1564	●	●	FW v004.000.424 Modbus mapping identical to PowerTag Link
Power meter	PowerTag A9 F63 3P+N	A9MEM1570	●	●	FW v004.000.424 Modbus mapping identical to PowerTag Link
Power meter	PowerTag A9 P63 3P+N Top	A9MEM1571	●	●	FW v004.000.424 Modbus mapping identical to PowerTag Link

Device family	Device		PAS400 firmware version		Comments
			001.006.000	001.007.000	
Power meter	PowerTag A9 P63 3P+N Bottom	A9MEM1572	●	●	FW v004.000.424 Modbus mapping identical to PowerTag Link
Power meter	PowerTag A9 F63 3P	A9MEM1573	●	●	FW v004.000.424 Modbus mapping identical to PowerTag Link
Power meter	PowerTag A9 F63 3P+N 110/230V	A9MEM1574	●	●	FW v004.000.424 Modbus mapping identical to PowerTag Link
Power meter	PowerTag F160 3P/3P+N	A9MEM1580	●	●	FW v001.001.0000 Modbus mapping identical to PowerTag Link
Power meter	PowerTag Rope 200 A 3P/3P+N	A9MEM1590	●	●	FW v001.001.000
Power meter	PowerTag Rope 600 A 3P/3P+N	A9MEM1591	●	●	FW v001.001.000
Power meter	PowerTag Rope 1000 A 3P/3P+N	A9MEM1592	●	●	FW v001.001.000
Power meter	PowerTag Rope 2000 A 3P/3P+N	A9MEM1593	●	●	FW v001.001.000
Power meter	PowerLogic Tag Rope 120A 3P	PLTR1203P	●	●	FW v001.001.000
Power meter	PowerLogic Tag Rope 600A 3P	PLTR6003P	●	●	FW v001.001.000
Power meter	PowerLogic Tag Rope 1000A 3P	PLTR10003P	●	●	FW v001.001.000
Power meter	PowerLogic Tag Rope 2000A 3P	PLTR20003P	●	●	FW v001.001.000
Power meter	PowerLogic Tag QO 10-30A 1P+N	PLTQO301P	●	●	FW v004.000.424 Modbus mapping identical to PowerTag Link
Power meter	PowerLogic Tag QO 35-60A 1P+N	PLTQO601P	●	●	FW v004.000.424 Modbus mapping identical to PowerTag Link
Power meter	PowerLogic Tag QO 10-30A 3P	PLTQO303P	●	●	FW v004.000.424 Modbus mapping identical to PowerTag Link
Power meter	PowerLogic Tag QO 35-60A 3P	PLTQO603P	●	●	FW v004.000.424 Modbus mapping identical to PowerTag Link
Power meter	PowerLogic Tag QO 10-30A 2P	PLTQO302P	●	●	FW v004.000.424 Modbus mapping identical to PowerTag Link
Power meter	PowerLogic Tag QO 35-60A 2P	PLTQO602P	●	●	FW v004.000.424 Modbus mapping identical to PowerTag Link
Power meter	PowerLogic Tag E-Frame 10-60A 1P+N	PLTE601P	●	●	FW v004.000.424 Modbus mapping identical to PowerTag Link
Power meter	PowerLogic Tag E-Frame 10-60A 2P	PLTE602P	●	●	FW v004.000.424 Modbus mapping identical to PowerTag Link
Power meter	PowerLogic Tag E-Frame 10-60A 3P	PLTE603P	●	●	FW v004.000.424 Modbus mapping identical to PowerTag Link
Ambient sensor	Easergy TH110 wireless thermal sensor	EMS59440	●	●	FW v001.000.003 Modbus mapping identical to PowerTag Link
Ambient sensor	Easergy CL110 wireless environmental sensor	EMS59443	●	●	FW v002.001.003 Modbus mapping identical to PowerTag Link
Ambient sensor	ZBRTT1 wireless environmental sensor	ZBRTT1	●	●	FW v002.001.003 Modbus mapping identical to PowerTag Link
Ambient sensor	Wireless CO ₂ sensor	SED-CO2-G-5045	●	●	FW v001.001.004
Ambient sensor	Wireless temperature and humidity sensor	SED-TRH-G-5045	●	●	FW v001.001.004

Device family	Device		PAS400 firmware version		Comments
			001.006.000	001.007.000	
Ambient sensor	PowerTag A (EwSenseTemp)	ESST010B0400	●	●	FW v001.001.004
Ambient sensor	PowerTag Ambient wireless temperature sensor	A9XST114	●	●	FW v001.001.005
Ambient sensor	PowerLogic HeatTag	SMT10020	●	●	FW v002.002.009
Circuit breaker	Wireless indication auxiliary for ComPacT NSXm and PowerPacT B-frame	LV429453	●	●	FW v001.000.000
Circuit breaker	Wireless indication auxiliary for ComPacT NSX, PowerPacT H-, J-, and L-Frame, ComPacT NS, and PowerPacT M-, P-frame	LV429454	●	●	FW v001.000.000
Circuit breaker	Acti9 Active iC40 and iC60	A9TAA●●●●	●	●	FW v001.000.001
		A9TAB●●●●	●	●	FW v001.000.001
		A9TDEC●●●	●	●	FW v001.000.001
		A9TDFC●●●	●	●	FW v001.000.001
		A9TDFD●●●	●	●	FW v001.000.001
		A9TPDD●●●	●	●	FW v001.000.001
		A9TPED●●●	●	●	FW v001.000.001
		A9TYAE●●●	●	●	FW v001.000.001
		A9TYBE●●●	●	●	FW v001.000.001
Circuit breaker	Acti9 Vigi iDT40 25 A 1P+N	A9Y6E625	●	●	FW v001.000.001
Circuit breaker	Acti9 Vigi iDT40 40 A 1P+N	A9Y6E640	●	●	FW v001.000.001
Circuit breaker	Acti9 Vigi iC40 25 A 1P+N	A9Y8E625	●	●	FW v001.000.001
Circuit breaker	Acti9 Vigi iC40 40 A 1P+N	A9Y8E640	●	●	FW v001.000.001
Circuit breaker	Acti9 Vigi iC60 25 A 2P	A9V6E225	●	●	FW v001.000.001
Circuit breaker	Acti9 Vigi iC60 40 A 2P	A9V6E240	●	●	FW v001.000.001
Circuit breaker	Acti9 Vigi iC60 25 A 2P	A9V8E225	●	●	FW v001.000.001
Circuit breaker	Acti9 Vigi iC60 40 A 2P	A9V8E240	●	●	FW v001.000.001
IO module	PowerTag C IO 230V digital input output module	A9XMC1D3	●	●	FW v002.000.000
IO module	PowerTag C 2DI 230V digital input module	A9XMC2D3	●	●	FW v002.000.000
Condition monitoring	PowerLogic PD100 Partial discharge monitoring solution	PD100X001	●	●	FW v002.000.000

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As standards, specifications, and design change from time to time,
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DOCA0249EN-03