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Introduction

PowerTag Link and PowerTag Link HD Gateways

PowerTag Link and PowerTag Link HD gateways are Ethernet connection concentrators (Modbus TCP/IP) for wireless devices with data display web pages.

The associated PowerTag energy sensors allows alarms to be managed through email for terminal loads, and energy, power, current and voltage to be measured accurately in real time.

The associated PowerTag Control modules are designed to monitor a circuit and to notify wirelessly to the concentrator about the information status of a contact (OF, SD, CT or TL position indication).

The entire system can be easily installed in the existing Low Voltage equipments using Multi9, Acti9, or ComPact NSX circuit breakers.

Firmware Release History

The following table indicates the availability of each firmware version for PowerTag Link and PowerTag Link HD gateways. There is no compatibility issue between latest version of firmware with previous versions.

<table>
<thead>
<tr>
<th>Date</th>
<th>Firmware version</th>
<th>Availability</th>
</tr>
</thead>
<tbody>
<tr>
<td>April 2020</td>
<td>001.006.007</td>
<td>Release for manufacturing</td>
</tr>
<tr>
<td>July 2019</td>
<td>001.004.005</td>
<td>Obsolete</td>
</tr>
<tr>
<td>January 2019</td>
<td>001.002.001</td>
<td>Obsolete</td>
</tr>
</tbody>
</table>

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 of EcoStruxure Power Commission software to update the PowerTag Link gateway with the latest firmware version available.

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

For more information on the use of EcoStruxure Power Commission software, refer to EcoStruxure Power Commission Online Help.
Firmware Versions

Firmware Version 001.006.007

New Features

New features in this firmware version:
- Security updates in support of:
  - Activate HTTPS per default
  - Account lockout mechanism
  - Internal cybersecurity initiative
- Integration of new devices: PowerTag energy sensors with commercial references A9MEM1573, A9MEM1564 and A9MEM1574.
- Wireless communication performances adjustment:
  - PowerTag Link reference A9XMWD20 can support up to 20 wireless devices, and up to 5 PowerTag Control modules among them.
  - PowerTag Link HD reference A9XMWD100 can support up to 85 wireless devices, and up to 5 PowerTag Control modules among them.

Bugs Fixed

Bugs fixed in these firmware version:
- Correction of several cybersecurity issues
- Miscellaneous corrections

Firmware Version 001.004.005

New Features

New features in this firmware version:
- Integration of new devices: PowerTag Control modules.
- Detailed configuration of PowerTag energy sensors including position and power supply.

Firmware Version 001.002.001

New Features

New features in this firmware version:
- Device Replacement (DR)
- Maximum demand and apparent power
- Firmware update through LAN (no need of peer-to-peer connection between EcoStruxure Power Commission software and PowerTag Link gateway).
## Related Documents

<table>
<thead>
<tr>
<th>Title of documentation</th>
<th>Publication date</th>
<th>Reference number</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>PowerTag Link - User Manual</em></td>
<td>03/2020</td>
<td>DOCA0157EN-02</td>
</tr>
</tbody>
</table>

You can download these technical publications and other technical information from the website at [https://www.se.com/en/download](https://www.se.com/en/download).