EcoStruxure™
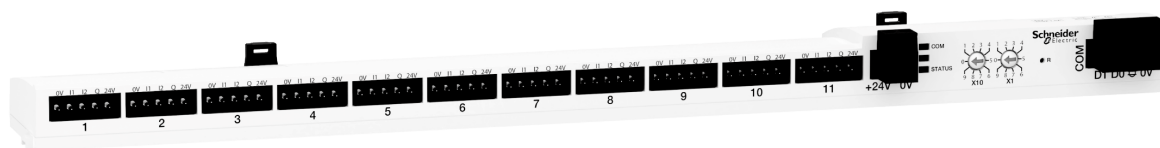
I/O Smart Link

Firmware Release Notes

EcoStruxure offers IoT-enabled architecture and platform.

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Schneider Electric

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Table of Contents

About the Book

Document Scope

This document provides you with the firmware version history of the smart communication module I/O Smart Link.

Validity Note

This document applies to the smart communication module I/O Smart Link with firmware version 003.005.001.

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	Reference number
I/O Smart Link - User Guide	DOCA0302EN DOCA0302DE DOCA0302ES DOCA0302FR DOCA0302IT DOCA0302PT
I/O Smart Link - Instruction Sheet	PKR5509302

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.

I/O Smart Link

The smart communication module I/O Smart Link is used to connect final distribution boards to any supervision system.

I/O Smart Link can be connected to:

- iOF+SD24 and OF+SD24 indication auxiliaries
- iACT24 and iATL24 auxiliaries for contactors and impulse relays in the Acti 9 range
- The Acti 9 RCA iC60 remote control module with Ti24 interface
- The Reflex iC60 integrated control circuit breaker with Ti24 interface
- Pre-wired cables
- iEM20000T Pulse output meter

I/O Smart Link offers the advantages and services of an automatic connection to the Modbus network.

Firmware Release History

Date	Firmware version	Availability
January 2025	003.005.001	Latest commercial release
May 2024	003.004.007	Obsolete
December 2023	003.003.006	Obsolete
October 2023	003.003.004	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 of EcoStruxure Power Commission software to update I/O Smart Link 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*.

The following table indicates the reference duration of the I/O Smart Link firmware upgrade.

Baud rate	Duration of firmware upgrade using EcoStruxure Power Commission via:	
	Serial communication	TCP gateway (for example, Panel Server)
4800	From 12 to 13 minutes	From 11 to 12 minutes
9600	From 8 to 9 minutes	From 6 to 7 minutes
19200	From 6 to 7 minutes	From 4 to 5 minutes
38400	From 5 to 6 minutes	From 3 to 4 minutes
57600	From 5 to 6 minutes	From 3 to 4 minutes
115200	From 4 to 5 minutes	From 2 to 3 minutes

Note: The values of the above table are only for the reference, actual duration of the firmware upgrade may vary depending on the network operation, network settings, gateway configuration and other infrastructure latencies.

Firmware Versions

Firmware Version.003.005.001

New Features

- Support new Baud Rate speeds of 57600 and 115200.
- Other quality improvements.

Performance and Limitations

No known limitations.

Firmware Version 003.004.007

Security Updates

- Security vulnerability CVE-2023-4041 addressed
- Other quality improvements

Performance and Limitations

No known limitations.

Firmware Version 003.003.006

New Features

Quality improvement to fix issue of Modbus address setting before powering on seen in previous release.

Performance and Limitations

No known limitations.

Firmware Version 003.003.004

Initial version

Firmware initial version for I/O Smart Link.

Performance and Limitations

The Modbus server address must be set to a value between 01 and 99 before powering on the 24 Vdc power supply of the I/O Smart Link device to avoid loss of communication with the device. In the case of communication loss, power off and on the 24 Vdc power supply of the I/O Smart Link device.

As standards, specifications, and design change from time to time, please ask for confirmation
of the information given in this publication.

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