

Enerlin'X I/O Module Firmware V3.2.9

Release Notes





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1 Introduction

PRODUCT AT A GLANCE

The I/O module is part of an ULP system with built-in functionalities and applications. The I/O module resources are:

- Six digital inputs that are self-powered
- Three digital outputs that are bi-stable relays.
- One analog input for Pt100 temperature sensor.

Predefined Applications are configurable with rotary switch.

User defined applications are configurable with Ecoreach software.

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New features and benefits overview

2.1 I/O Module cradle application enabled when Embedded IFE is removed
I/O Module will leave the fall-back mode dynamically in the event the eIFE is removed. Previously, the cradle function in the I/O Module would require applying a reset to factory setting to exit fall-back mode.

2.2 I/O Module Supports second I/O Module in all applications
With two I/O Modules, the restriction to setting I/O to position 9 has been eliminated. A new feature is that Module 2 can be put in any valid position of module 1.

2.3 Bugfix.
There are no major bug fixes in this release

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I/O firmware release history

Date	Version
Enerlin'X 1.4 July 2017	V3.2.9
Enerlin'X 1.3 December 2016	V3.2.2
Enerlin'X 1.2 June 2016	V2.1.4
Enerlin'X 1.1 May 2015	V2.1.4

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Baseline

I/O version **V3.2.9** is compatible with the following baseline products version.

Range	Product	Reference Number	Firmware Version
Enerlin'X	I/O Module	LV434063	V3.2.9
	IFE Ethernet Interface for LV breakers	LV434010, LV434001,	V3.6.11
	IFE Switchboard Server for LV breakers	LV434011, LV434002	
	eIFE Ethernet Interface for MTZ	LV851001	
	IFM Modbus Serial communication interface module	TRV00210	V 2.2.11
	IFM Modbus Serial communication interface module	LV434000	3.0.16
	FDM121	TRV00121	V 2.3.5
	FDM128	LV434128	V6.4.1
	Breaker Communication Module for - BCM ULP	33106	V4.1.7 Product date code greater than or equal to WX14251xxxx
	Breaker Status and Control Module BSCM	Product date code greater than or equal to 3N141810186	V2.2.7
Low Voltage Breakers	Micrologic Trip Unit		V8282, V8284
	NSX		1.1.0, 1.2.2 Micrologic 5.2/6.2 Product date code greater than 3N170630589 Micrologic 5.3/6.3 Product date code greater 3Nxxxxxxxxx
	Masterpact MTZ		1.0.2
Final Distribution	Acti9 Smartlink - Modbus RS485 slave - smart communication I/O module	A9XMSB11	V1.3.7
	Acti9 Smartlink - Modbus TCP/IP communication I/O module	A9XMEA08	V2.5.5
	Smartlink SI B Modbus TCP/IP and Wireless communication module	A9XMZA08	V1.2.8
	Acti 9 Smartlink SI D - Wireless to Modbus TCP/IP Concentrator	A9XMWA20	V1.2.8

5 Fixed issue history list

version	Defect description
V3.2.2	<ul style="list-style-type: none">PRB-198637: PTCCB - I/O Module Inputs/Outputs freeze when an independent power supply is not used and firmware is less than 3.2.2PRB-194855: IFE and I/O Module ULP communication do not share the correct chassis status when powered up and the breaker is disconnected.

6 Restrictions and Known Issues

None