

Enerlin'X FDM121 Front Display Module for One Circuit Breaker

Firmware Version 003.000.023

Release Note

08/2019



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All pertinent state, regional, and local safety regulations must be observed when installing and using this product. For reasons of safety and to help ensure compliance with documented system data, only the manufacturer should perform repairs to components.

When devices are used for applications with technical safety requirements, the relevant instructions must be followed.

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Introduction to FDM121 Front Display Module for One Circuit Breaker

The FDM121 display shows the measurements, alarms, and operating assistance data from the intelligent modular unit (IMU). The FDM121 display can control a circuit breaker that is equipped with a motor mechanism or with the pre-defined application performed by the IO module.

The FDM121 display with part number TRV00121 or STRV00121 is compatible with the following ranges of circuit breaker:

- Masterpact NT/NW circuit breakers
- Compact NS circuit breakers
- Compact NSX circuit breakers
- PowerPact P- and R-frame circuit breakers
- PowerPact H-, J-, and L-frame circuit breakers

FDM121 Display Firmware Release History

Date	Firmware version	Availability
August 2019	003.000.023	Release for manufacturing
March 2019	003.000.022	Obsolete
June 2018	003.000.016	Obsolete
January 2018	003.000.013	Obsolete

NOTE: FDM121 firmware versions 003.000.013 or greater are compatible with FDM121 hardware with date code WX18141 or greater. Hardware with date code lower than WX18141 cannot be updated with firmware versions 003.000.013 or greater.

Firmware Update Policy

If the latest features of a firmware update are not required, it is not mandatory to update the firmware of a device.

Use this release note to determine whether an update to the latest version of the FDM121 firmware is interesting or relevant for your application.

For more information about the firmware update policy and the firmware compatibility between devices, refer to [DOCA0155EN](#) *Micrologic Trip and Control Units - Firmware History*.

Firmware Update with EcoStruxure Power Commission Software

EcoStruxure™ Power Commission is the new name of Ecoreach software.

Use the latest version of EcoStruxure Power Commission software:

- To check the firmware compatibility of the devices in the IMU
- To update the devices with the latest firmware version available

After updating the firmware of one device, use EcoStruxure Power Commission software to check the firmware compatibility between IMU devices.

The Firmware Update table helps you to diagnose and identify all discrepancy issues between IMU devices. This table also provides the recommended actions for each discrepancy issue.

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 Version 003.000.023 (Release for manufacturing of V003.000.022)

Firmware Version 003.000.022

(Released through EcoStruxure Power Commission software)

New features in this firmware version:

- Minor improvements in bar and dial graph screens

Bugs fixed in this firmware version:

- Values randomly not displayed in **Quick View** and **Metering** screens on change of Breaker System type or Breaker
- **Product ID** screen showed inconsistent pictures for ULP devices
- **IO Lighting and Load control** ON/OFF status was inconsistent with actual status
- Event pop-up was inconsistently displayed when user was in **Quick View** screen on power on
- **Close Self Timer** screen did not stop timer countdown on occurrence of an event

Firmware Version 003.000.016

Bugs fixed in this firmware version:

- Size of displayed Chinese characters was not consistent

Firmware Version 003.000.013

New features in this firmware version:

- All 14 languages supported by default
- Improvement of the performance of the metering screen for reading values and navigating
- Adds display of QR code to access information about the FDM121 display
- Added new signature revocation mechanism to enhance cybersecurity

Related Documents

The following table lists documents updated for FDM121 display with firmware version 003.000.023:

Title of documentation	Publication date	Reference number
<i>Enerlin'X FDM121 Front Display Module for One Circuit Breaker – User Guide</i>	04/2018	DOCA0088EN-01 DOCA0088ES-01 DOCA0088FR-01 DOCA0088ZH-01
<i>ULP System (IEC Standard) – User Guide</i>	03/2019	DOCA0093EN-04 DOCA0093ES-04 DOCA0093FR-04 DOCA0093ZH-04
<i>ULP System (UL Standard) – User Guide</i>	03/2019	0602IB1503-02 (EN) 0602IB1504-02 (ES) 0602IB1505-02 (FR) 0602IB1506-02 (ZH)

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

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