MasterPact MTZ
MicroLogic X Control Unit

MicroLogic X Firmware Release Notes

DOCA0144EN-07

12/2019
Legal Information

The Schneider Electric brand and any trademarks of Schneider Electric SE and its subsidiaries referred to in this guide are the property of Schneider Electric SE or its subsidiaries. All other brands may be trademarks of their respective owners.

This guide and its content are protected under applicable copyright laws and furnished for informational use only. No part of this guide may be reproduced or transmitted in any form or by any means (electronic, mechanical, photocopying, recording, or otherwise), for any purpose, without the prior written permission of Schneider Electric.

Schneider Electric does not grant any right or license for commercial use of the guide or its content, except for a non-exclusive and personal license to consult it on an "as is" basis. Schneider Electric products and equipment should be installed, operated, serviced, and maintained only by qualified personnel.

As standards, specifications, and designs change from time to time, information contained in this guide may be subject to change without notice.

To the extent permitted by applicable law, no responsibility or liability is assumed by Schneider Electric and its subsidiaries for any errors or omissions in the informational content of this material or consequences arising out of or resulting from the use of the information contained herein.
Table of Contents

Safety Information .............................................................................................................. 5
About the Book .................................................................................................................... 6
Firmware Release Notes .................................................................................................... 7
  Introduction ....................................................................................................................... 7
  Firmware Version 004.101.000 ....................................................................................... 9
  Firmware Version 003.012.000 ....................................................................................... 9
  Firmware Version 003.011.000 ....................................................................................... 9
  Firmware Version 002.000.004 ..................................................................................... 10
  Firmware Version 002.000.003 ..................................................................................... 10
  Firmware Version 002.000.002 ..................................................................................... 10
  Firmware Version 001.000.206 ..................................................................................... 11
  Firmware Version 001.000.202 ..................................................................................... 11
  Firmware Version 001.000.200 ..................................................................................... 11
Firmware Update ................................................................................................................. 12
  Updating Firmware of MicroLogic X Control Unit ......................................................... 12
  Updating Firmware of Enerlin’X Devices ....................................................................... 17
Purchasing and Installing a Digital Module ......................................................................... 19
  Purchasing a Digital Module ......................................................................................... 19
  Downloading and Installing a Digital Module ................................................................. 23
Safety Information

Important Information

Read these instructions carefully, and look at the equipment to become familiar with the device before trying to install, operate, service, or maintain it. The following special messages may appear throughout this documentation or on the equipment to warn of potential hazards or to call attention to information that clarifies or simplifies a procedure.

The addition of this symbol to a “Danger” or “Warning” safety message indicates that an electrical hazard exists which will result in personal injury if the instructions are not followed.

This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages with this symbol to avoid possible injury or death.

<table>
<thead>
<tr>
<th>DANGER</th>
</tr>
</thead>
<tbody>
<tr>
<td>DANGER indicates a hazardous situation which, if not avoided, will result in death or serious injury.</td>
</tr>
<tr>
<td>Failure to follow these instructions will result in death or serious injury.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>WARNING</th>
</tr>
</thead>
<tbody>
<tr>
<td>WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.</td>
</tr>
<tr>
<td>Failure to follow these instructions can result in death, serious injury, or equipment damage.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CAUTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAUTION indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.</td>
</tr>
<tr>
<td>Failure to follow these instructions can result in injury or equipment damage.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>NOTICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>NOTICE is used to address practices not related to physical injury.</td>
</tr>
<tr>
<td>Failure to follow these instructions can result in equipment damage.</td>
</tr>
</tbody>
</table>

Please Note

Electrical equipment should be installed, operated, serviced, and maintained only by qualified personnel. No responsibility is assumed by Schneider Electric for any consequences arising out of the use of this material.

A qualified person is one who has skills and knowledge related to the construction and operation of electrical equipment and its installation, and has received safety training to recognize and avoid the hazards involved.
**About the Book**

**At a Glance**

**Document Scope**

This document provides users technical information needed to update the firmware of MicroLogic™ X control unit, and download and install an optional Digital Module.

**Validity Note**

This document applies to MicroLogic X control units in MasterPact™ MTZ circuit breakers.

**Related Documents for IEC Devices**

The following table lists documents for IEC devices compatible with MicroLogic X control units with firmware version greater than or equal to 004.101.000.

<table>
<thead>
<tr>
<th>Title of documentation</th>
<th>Publication date</th>
<th>Reference number</th>
</tr>
</thead>
<tbody>
<tr>
<td>MasterPact MTZ Catalogue</td>
<td>12/2019</td>
<td>LVPED216026EN</td>
</tr>
<tr>
<td>MasterPact MTZ - MicroLogic X Control Unit - User Guide</td>
<td>12/2019</td>
<td>DOCA0102EN-04</td>
</tr>
</tbody>
</table>

You can download these technical publications and other technical information from our website at [www.schneider-electric.com/en/download](http://www.schneider-electric.com/en/download).

**Related Documents for UL/ANSI Devices**

The following table lists documents for UL devices compatible with MicroLogic X control units with firmware version greater than or equal to 004.101.000.

<table>
<thead>
<tr>
<th>Title of documentation</th>
<th>Publication date</th>
<th>Reference number</th>
</tr>
</thead>
<tbody>
<tr>
<td>MasterPact MTZ - Circuit Breakers and Switches - Catalog</td>
<td>08/2018</td>
<td>0614CT1701</td>
</tr>
<tr>
<td>MasterPact MTZ - MicroLogic X Control Unit - User Guide</td>
<td>12/2019</td>
<td>DOCA0102EN-04</td>
</tr>
</tbody>
</table>

You can download these technical publications and other technical information from our website at [www.schneider-electric.com/en/download](http://www.schneider-electric.com/en/download).
Firmware Release Notes

Introduction

MicroLogic X Control Unit

MasterPact MTZ circuit breakers with MicroLogic X control units provide protection functions, metering, diagnostics, communication, and remote operations.

The control unit is customizable with optional Digital Modules.

MicroLogic X control units allow operation and monitoring of MasterPact MTZ circuit breakers locally or remotely.

MicroLogic X Firmware Release History

<table>
<thead>
<tr>
<th>Date</th>
<th>Firmware version</th>
<th>Availability</th>
</tr>
</thead>
<tbody>
<tr>
<td>December 2019</td>
<td>004.101.000</td>
<td>Release for manufacturing</td>
</tr>
<tr>
<td>July 2019</td>
<td>003.012.000</td>
<td>Obsolete</td>
</tr>
<tr>
<td>March 2019</td>
<td>003.011.000</td>
<td>Obsolete</td>
</tr>
<tr>
<td>November 2018</td>
<td>002.000.004</td>
<td>Obsolete</td>
</tr>
<tr>
<td>April 2018</td>
<td>002.000.003</td>
<td>Obsolete</td>
</tr>
<tr>
<td>March 2018</td>
<td>002.000.002</td>
<td>Obsolete</td>
</tr>
<tr>
<td>December 2017</td>
<td>001.000.206</td>
<td>Obsolete</td>
</tr>
<tr>
<td>July 2017</td>
<td>001.000.202</td>
<td>Obsolete</td>
</tr>
<tr>
<td>December 2016</td>
<td>001.000.200</td>
<td>Obsolete</td>
</tr>
</tbody>
</table>

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 document to determine whether an update to the latest version of the MicroLogic X 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.

For more information about the use of EcoStruxure Power Commission software, refer to *EcoStruxure Power Commission Online Help*. 
Firmware Version 004.101.000

New Features

- Compatibility with the following optional Digital Modules (available through the Schneider Electric GoDigital marketplace):
  - ANSI 51 – IDMTL overcurrent protection
  - ANSI 67 – Directional overcurrent protection
  - IEC 61850 for MasterPact MTZ
- Compatibility with communication features:
  - RSTP (Rapid Scanning Tree Protocol)
  - NTP (Network Time Protocol)
- Addition of contact wear interpretation to facilitate the preventive maintenance of the circuit breaker
- Firmware update process made faster and more reliable

Bugs Fixed

The following events were generated spuriously and simultaneously on display screen of MicroLogic X control unit:

- Control unit self test #2 (0x1470)
- Firmware Discrepancy within control unit (0x0D09)

Firmware Version 003.012.000

New Features

 Compatibility with the ANSI 81 – Under/Overfrequency Protection optional Digital Module (available through the Schneider Electric GoDigital marketplace).

Firmware Version 003.011.000

New Features

- Addition of maintenance schedule reminder events to help user to plan preventive maintenance programs
- Password management: enhancement of user profiles from levels to role profiles
- Addition of ERMS force unlock command to unlock ERMS function if smartphone used to engage the function is unavailable

Bugs Fixed

- Possible loss of voltage release configuration
- The following events were generated spuriously:
  - Control unit self test #5 (0x1473)
  - Earth leakage (Vigi) sensor disconnected (0x1408)
  - Invalid Control Unit factory config #1 (0x0D0A)
Firmware Version 002.000.004

Bugs Fixed

- High consumption of battery in specific cases without auxiliary power supply
- The following alarms and pop-up messages were generated spuriously on display screen of MicroLogic X control unit:
  - Protection settings reset to factory value (0x1430)
  - Error 21 – Service not performed – Internal error
  - Error 190 – Service not performed – Internal error

Firmware Version 002.000.003

New Features

Conformity to UL/ANSI standard with the addition of the following control units:
- MicroLogic 3.0 X control unit (LV848815)
- MicroLogic 5.0 X control unit (LV847609)
- MicroLogic 6.0 X control unit (LV847608)

Firmware Version 002.000.002

New Features

- Compatibility with the following optional Digital Modules (available through the Schneider Electric GoDigital marketplace):
  - ANSI 27/59 - Under/Over Voltage Protection Digital Module
  - ANSI 32P - Reverse Active Power Digital Module
  - ANSI 51N/51G - Ground-Fault Alarm Digital Module
  - Individual Harmonics Analysis Digital Module
  - Modbus Legacy Dataset Digital Module
  - Energy Reduction Maintenance Settings (ERMS) Digital Module
- Addition of support for ERMS switch module (ESM)
- Protection setting procedure in 2 steps (Submit/Apply) for compliance with UL489SE
- Addition of current and power demand
- New calculation method for minimum and maximum values for current, voltage, and power factor
- Addition of load profile monitoring
- Multiple events assignment with M2C or IO module
- Addition of long waveform capture in the Waveform Capture on Trip Event Digital Module
- Additional information with Configuration mismatch between IO and control unit event message
- Enhancement of reliability of event management and time-stamping
- Addition of event code on event messages to improve diagnosis
- Enhancement of internal battery test pattern
- Enhancement of internal battery loss management
- Enhancement of external 24 Vdc power supply management
- Improved robustness of the file system management
Bugs Fixed

- Bluetooth LED remained on with Error 5 displayed, requiring control unit to be switched off and on
- Snapshot was not showing correct li coefficient pickup when Instantaneous protection was set to OFF
- Frequency measurement was shifted and/or unstable in 3-pole system using 3-wattmeter calculation
- Loss of event message **Configuration mismatch between IO and control unit** occurred when power cycling the control unit

**Firmware Version 001.000.206**

**Bugs Fixed**

- Incorrect calculation for In value:
  - Value displayed was twice the expected value
  - Impacted only 3-pole MTZ3 circuit breakers with External Neutral Current Transformer (ENCT)
- Unexpected trip due to ground-fault protection test function occurred without pushing test button:
  - If the value of the current power supply (CPS) mode was decreasing at a specific rate while the voltage power supply (VPS) was being powered up simultaneously
  - Impacted only MicroLogic 6.0 X control units with VPS voltage power supply module

**Firmware Version 001.000.202**

**Bugs Fixed**

- Ground-fault test did not always operate with firmware that was directly flashed in MCU
- Service LED Orange – HMI error 8/21/22 was displayed and no alarm/trip history

**Firmware Version 001.000.200**

**Description**

Initial firmware version
Firmware Update

Updating Firmware of MicroLogic X Control Unit

Prerequisites

The prerequisites for updating MicroLogic X firmware are the following:

- The latest version of EcoStruxure Power Commission software is downloaded and installed on the PC.
- The PC is connected to a power supply. Standby mode is deactivated to avoid the possibility of interruption during the update.
- The PC is connected to the mini USB port on the MicroLogic X control unit by using the USB cable with part number LV850067SP.
- The MicroLogic X control unit is continuously powered during the firmware update.
  - When the control unit is not connected to other ULP modules, it is powered by the PC through the mini USB port.
  - When the control unit is connected to other ULP modules, it is powered by an external 24 Vdc power supply.

The MicroLogic X Administrator password is required to launch the firmware update.

For more information, refer to EcoStruxure Power Commission Online Help.

Procedure for Updating MicroLogic X Firmware

<table>
<thead>
<tr>
<th>NOTICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>HAZARD OF INTERRUPTION OF POWER SUPPLY</td>
</tr>
<tr>
<td>• The MicroLogic X control unit must be continuously powered during the firmware update.</td>
</tr>
<tr>
<td>• Do not disconnect the USB cable before clicking the CLOSE button at the end of the update procedure with EcoStruxure Power Commission software.</td>
</tr>
</tbody>
</table>

Failure to follow these instructions can result in deterioration of the control unit.

During the firmware update, the standard protection functions of the MicroLogic X control unit are operational. No data or measurements are available or refreshed on the different communication interfaces.

Follow this procedure to update the firmware version of the MicroLogic X control unit:

<table>
<thead>
<tr>
<th>Step</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Disable all wireless access (Bluetooth and NFC) between the MicroLogic X control unit and a smartphone.</td>
</tr>
<tr>
<td>2</td>
<td>Use the USB cable with part number LV850067SP to connect a PC to the mini USB port on the front face of the MicroLogic X control unit.</td>
</tr>
<tr>
<td>Step</td>
<td>Action</td>
</tr>
<tr>
<td>------</td>
<td>--------</td>
</tr>
<tr>
<td>3</td>
<td>Click <strong>Connect to device directly</strong>.</td>
</tr>
</tbody>
</table>

![Image showing the Connect to device directly option](image1.png)

| 4    | Fill in the project details and click **NEXT**. |

![Image showing project details](image2.png)

| 5    | Fill in the end user site details and click **CONTINUE**. |

![Image showing end user site details](image3.png)
## MicroLogic X Firmware Release Notes

### Firmware Update

<table>
<thead>
<tr>
<th>Step</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>The MasterPact MTZ device is displayed. If a new MicroLogic X firmware version is available, a blue pop-up message is displayed to invite the user to update the firmware. <strong>Click CONNECT TO DEVICE.</strong></td>
</tr>
<tr>
<td>7</td>
<td>Go to the Configure section and click Write to Project to save the MicroLogic X settings.</td>
</tr>
<tr>
<td>8</td>
<td>Click Firmware.</td>
</tr>
<tr>
<td>9</td>
<td>Click UPGRADE to launch the firmware update.</td>
</tr>
<tr>
<td>10</td>
<td>EcoStruxure Power Commission software displays a safety message. Read the message and click I UNDERSTAND to continue.</td>
</tr>
<tr>
<td>Step</td>
<td>Action</td>
</tr>
<tr>
<td>------</td>
<td>--------</td>
</tr>
<tr>
<td>11</td>
<td>EcoStruxure Power Commission software asks you to confirm the update. Enter the Administrator password and click <strong>CONTINUE</strong>.</td>
</tr>
</tbody>
</table>

![Image of firmware update confirmation dialog](image)

<table>
<thead>
<tr>
<th>12</th>
<th>EcoStruxure Power Commission software displays the following message during an update:</th>
</tr>
</thead>
</table>

![Image of firmware update progress](image)

The update takes approximately 10 minutes.

**NOTE:** Do not connect a smartphone to the MicroLogic X control unit during the firmware update.

**NOTE:** During the firmware update, the standard protection functions of the MicroLogic X control unit are operational. No data or measurements are available or refreshed on the different communication interfaces.

The MicroLogic X control unit screen displays the following message during an update:

![Image of MicroLogic X control unit screen](image)
### Step 13

When the update is finished, EcoStruxure Power Commission software displays the following screen. Click **CLOSE** to acknowledge.

![Device successfully upgraded to version 003.011.000](image)

### Step 14

Result: EcoStruxure Power Commission software indicates other Enerlin’X devices which need to be updated, if any. If the page does not refresh automatically, click **REFRESH**.

The status indicates whether the firmware of other modules is compatible with the firmware version of the MicroLogic control unit:

- **Green**: compatible, update is not mandatory
- **Red**: firmware not compatible, update firmware or upgrade the module to a later version

### Step 15

Update the firmware version of associated Enerlin’X devices, if any (see *Updating Firmware of Enerlin’X Devices, page 17*).

---

**NOTE:** After updating the MicroLogic X firmware version 001.000.200, red pop-up trip or alarm messages may be displayed on the MicroLogic X display screen following the firmware update. This corresponds to trip or alarm messages that were not acknowledged by the user before the firmware update. Press the **ESC** button on the control unit to remove these messages.
Updating Firmware of Enerlin’X Devices

Introduction

After updating the firmware of an Enerlin’X device connected to the MicroLogic X control unit, use the latest version of 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 firmware update of the Enerlin’X devices with EcoStruxure Power Commission software can be done:

• With the PC connected to the communication network
• With the PC connected to the mini USB port of the MicroLogic X control unit for MicroLogic X control units with firmware version greater than or equal to 002.000.000.

NOTE: If Enerlin’X devices are associated with the MicroLogic X control unit, from the start of the MicroLogic X firmware update and until the Enerlin’X devices are updated, the event **Critical firmware modules discrepancy** is detected. An event message is displayed on the screen of the control unit.

When there is a firmware discrepancy between the MicroLogic X control unit and the communication interfaces (IFE, EIFE, or IFM interface), MicroLogic X data is not available remotely.

Procedure for Updating Enerlin’X Device Firmware

**NOTICE**

HAZARD OF INTERRUPTION OF POWER SUPPLY

The Enerlin’X device must be continuously powered during the firmware update. Failure to follow these instructions can result in equipment damage.

Follow this procedure to update the firmware version of an Enerlin’X device, for example, EIFE interface, with the PC running EcoStruxure Power Commission software and connected to the mini USB port on the MicroLogic X control unit, by using the USB cable with part number LV850067SP.
<table>
<thead>
<tr>
<th>Step</th>
<th>Action</th>
</tr>
</thead>
</table>
| 1    | After updating the firmware of the MicroLogic X control unit, the EcoStruxure Power Commission page refreshes automatically. If it does not refresh, click **REFRESH**.  
   Result: EcoStruxure Power Commission software indicates the next Enerlin’X device to be updated. |
| 2    | Click **UPGRADE**. The update takes between 10 and 25 minutes, depending on the device to be updated. The MicroLogic X Administrator password is required to launch the firmware update.  
   **NOTE:** During the firmware update, no data is available on the Ethernet communication interface. |
| 3    | Refresh the EcoStruxure Power Commission page.  
   **Result:** EcoStruxure Power Commission software indicates other Enerlin’X devices which need to be updated, if any. |
| 4    | Update the firmware version of other associated Enerlin’X devices, if any. |
Purchasing and Installing a Digital Module

Purchasing a Digital Module

Prerequisites

The prerequisites are:

• The firmware version of the MicroLogic X control unit must be compatible with the Digital Module (refer to table below). Update the firmware version of the MicroLogic X control unit if the Digital Module required is not compatible.

<table>
<thead>
<tr>
<th>Digital Module</th>
<th>Part number</th>
<th>Minimum MicroLogic X firmware version</th>
</tr>
</thead>
<tbody>
<tr>
<td>IEC 61850 for MasterPact MTZ</td>
<td>LV850046</td>
<td>004.101.000</td>
</tr>
<tr>
<td>Directional overcurrent protection</td>
<td>LV850015</td>
<td>004.101.000</td>
</tr>
<tr>
<td>IDMTL overcurrent protection</td>
<td>LV850037</td>
<td>004.101.000</td>
</tr>
<tr>
<td>Under/Overfrequency protection</td>
<td>LV850013</td>
<td>003.012.000</td>
</tr>
<tr>
<td>Individual harmonics analysis</td>
<td>LV850006</td>
<td>002.000.002</td>
</tr>
<tr>
<td>Under/Over voltage protection</td>
<td>LV850012</td>
<td>002.000.002</td>
</tr>
<tr>
<td>Reverse active power</td>
<td>LV850011</td>
<td>002.000.002</td>
</tr>
<tr>
<td>Ground-fault alarm</td>
<td>LV850007</td>
<td>002.000.002</td>
</tr>
<tr>
<td>Energy Reduction Maintenance Settings</td>
<td>LV850009</td>
<td>002.000.002</td>
</tr>
<tr>
<td>(ERMS)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Modbus legacy dataset</td>
<td>LV850045</td>
<td>002.000.002</td>
</tr>
<tr>
<td>Energy per phase</td>
<td>LV850002</td>
<td>001.000.002</td>
</tr>
<tr>
<td>Power restoration assistant</td>
<td>LV850004</td>
<td>001.000.002</td>
</tr>
<tr>
<td>MasterPact operation assistant</td>
<td>LV850005</td>
<td>001.000.002</td>
</tr>
<tr>
<td>Waveform capture on trip event</td>
<td>LV850003</td>
<td>001.000.002</td>
</tr>
</tbody>
</table>

• The latest version of EcoStruxure Power Commission software is downloaded and installed on the PC.

• The PC is connected to a power supply.

• The PC is connected to the Internet.

• You have a GoDigital user account.

Selecting and Purchasing a Digital Module in GoDigital

Follow this procedure to select and purchase a Digital Module:

<table>
<thead>
<tr>
<th>Step</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Open EcoStruxure Power Commission software on a PC connected to the Internet.</td>
</tr>
<tr>
<td>2</td>
<td>Connect to your MasterPact MTZ device by clicking CONNECT TO DEVICE.</td>
</tr>
</tbody>
</table>
### Step 3
**Action:** Click Digital Modules.

![Digital Modules](image)

**Result:** A connection to the GoDigital website is established.

### Step 4
**Action:** Click the BUY button of the Digital Module that you want to purchase.

**Result:** A connection to the GoDigital website is established.

**NOTE:** EcoStruxure Power Commission software indicates if the firmware of the control unit needs to be updated to be compatible with the Digital Module.
<table>
<thead>
<tr>
<th>Step</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>On the GoDigital homepage, click <strong>Login</strong> and enter your account credentials.</td>
</tr>
<tr>
<td>6</td>
<td>Check that the Digital Module you want to purchase is selected and click <strong>Add to Cart</strong>.</td>
</tr>
<tr>
<td>7</td>
<td>Click <strong>Done</strong>. Your cart is displayed.</td>
</tr>
</tbody>
</table>

**Result:** The reference for the purchase is displayed.
<table>
<thead>
<tr>
<th>Step</th>
<th>Action</th>
</tr>
</thead>
</table>
| 8    | Check your order, your email address, and your subscription location.  

**NOTE:** The cart can be saved for future validation and purchase by clicking **Save Cart**. To purchase more than one Digital Module, or Digital Modules for more than one MicroLogic X control unit, save the cart, and click **Continue Shopping**. If necessary, get the serial number of another control unit, and repeat step 4.  

When you are ready to purchase, click **Checkout**. The payment method screen opens. |
| 9    | Select **Wire Transfer**.  

Click the checkbox next to **I agree** and click **Proceed to next step**. An order confirmation screen opens. |
| 10   | Click **Confirm Order**. A screen confirming your purchase opens, and you receive an email confirming the purchase. |
Downloading and Installing a Digital Module

Downloading a Digital Module

Follow this procedure to download a Digital Module:

<table>
<thead>
<tr>
<th>Step</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>In your mailbox, select the email from <a href="mailto:no-reply@schneider-electric.com">no-reply@schneider-electric.com</a> to download your Digital Module. The subject is Your Digital Modules are ready for download. A list of the Digital Modules ready to be downloaded opens.</td>
</tr>
<tr>
<td>2</td>
<td>Click the checkbox next to the Digital Module that you want to download and click Download to download the delivery package.</td>
</tr>
</tbody>
</table>

NOTE: This delivery package is used to install the Digital Module on the MicroLogic X control unit using EcoStruxure Power Commission software. Make sure that the delivery package is present on the PC used to install Digital Modules.

NOTE: If the Digital Module was purchased previously, you can access the file downloaded by clicking the following link: https://digitalpackage.schneider-electric.com/.

Installing a Digital Module on the MicroLogic X Control Unit

The MicroLogic X Administrator password is required to install a Digital Module on the MicroLogic X control unit.

Follow this procedure to install a purchased Digital Module on a MicroLogic X control unit:

<table>
<thead>
<tr>
<th>Step</th>
<th>Action</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Use the USB cable with part number LV850067SP to connect a PC running EcoStruxure Power Commission software to the mini USB port on the front face of the MicroLogic X control unit.</td>
</tr>
<tr>
<td>2</td>
<td>Click Connect to device directly to establish a connection between the EcoStruxure Power Commission software and the MicroLogic X control unit. EcoStruxure Power Commission software displays the MicroLogic X control unit identification number on the screen.</td>
</tr>
<tr>
<td>3</td>
<td>Open the Digital Module page by clicking Digital Modules.</td>
</tr>
<tr>
<td>4</td>
<td>Check that the delivery package for the Digital Module to be installed is present on the PC being used.</td>
</tr>
<tr>
<td>5</td>
<td>Select the Digital Module to be installed by clicking Install. The standard protection functions of the MicroLogic X control unit remain active during installation of the Digital Module. <strong>NOTE:</strong> Only modules previously purchased can be installed directly by clicking Install.</td>
</tr>
<tr>
<td>6</td>
<td>EcoStruxure Power Commission software asks you to confirm the installation. Enter the Administrator password and click CONTINUE.</td>
</tr>
</tbody>
</table>
### Step 7
A message is displayed to indicate that the Digital Module is being installed. Click the cross to continue.

![Digital Module Installation Message](image)

### Step 8
When installation is complete and before unplugging the PC, disconnect EcoStruxure Power Commission software from the MicroLogic X control unit by clicking the Disconnect button.

### Step 9
Use the EcoStruxure Power Device app to check that the Digital Module is installed.

### Step 10
Use the EcoStruxure Power Device app or EcoStruxure Power Commission software to check that the Digital Module is working correctly.

For more information, refer to *EcoStruxure Power Commission Online Help.*

**NOTE:** To uninstall a Digital Module, use EcoStruxure Power Commission software.