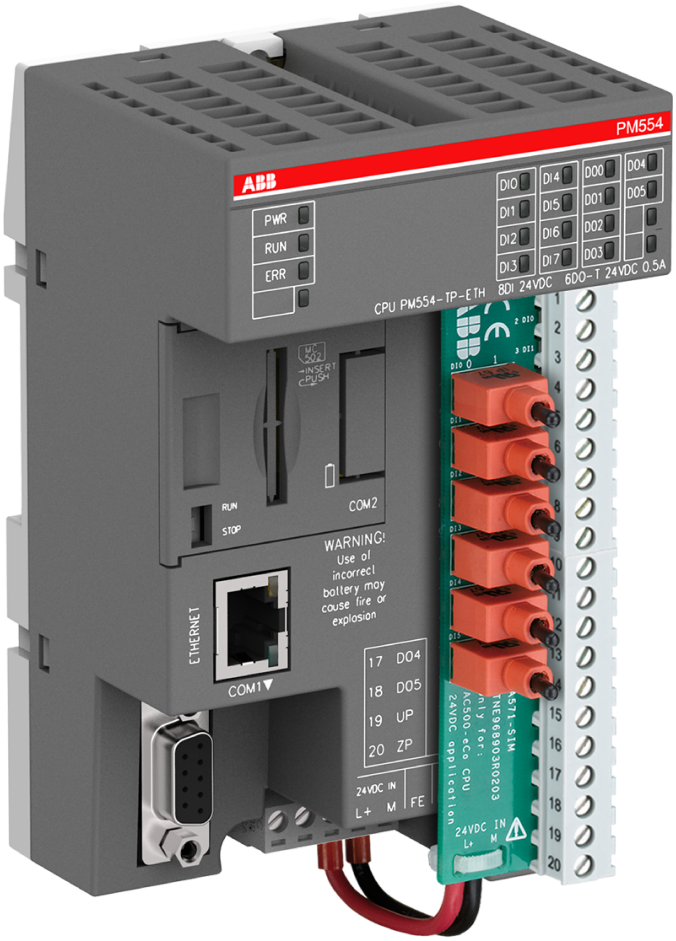
SOFTWARE MANUAL

AC500-eCo Starter Kit

As of Automation Builder 1.2.2



1 AC500-eCo Starter Kit

This AC500-eCo Starter Kit helps you to get familiar with ABB AC500 PLC offerings and the engineering tool. For that purpose, this manual explains how to install the engineering tool and guides you to the online help in the engineering tool. The online help explains how to connect and setup the components provided in the Starter Kit and how to program the AC500-eCo CPU by means of several simple example applications.

1.1 Installing Automation Builder

For configurating and programming AC500-eCo CPU you need the Automation Builder engineering software suite. Automation Builder is available for download.

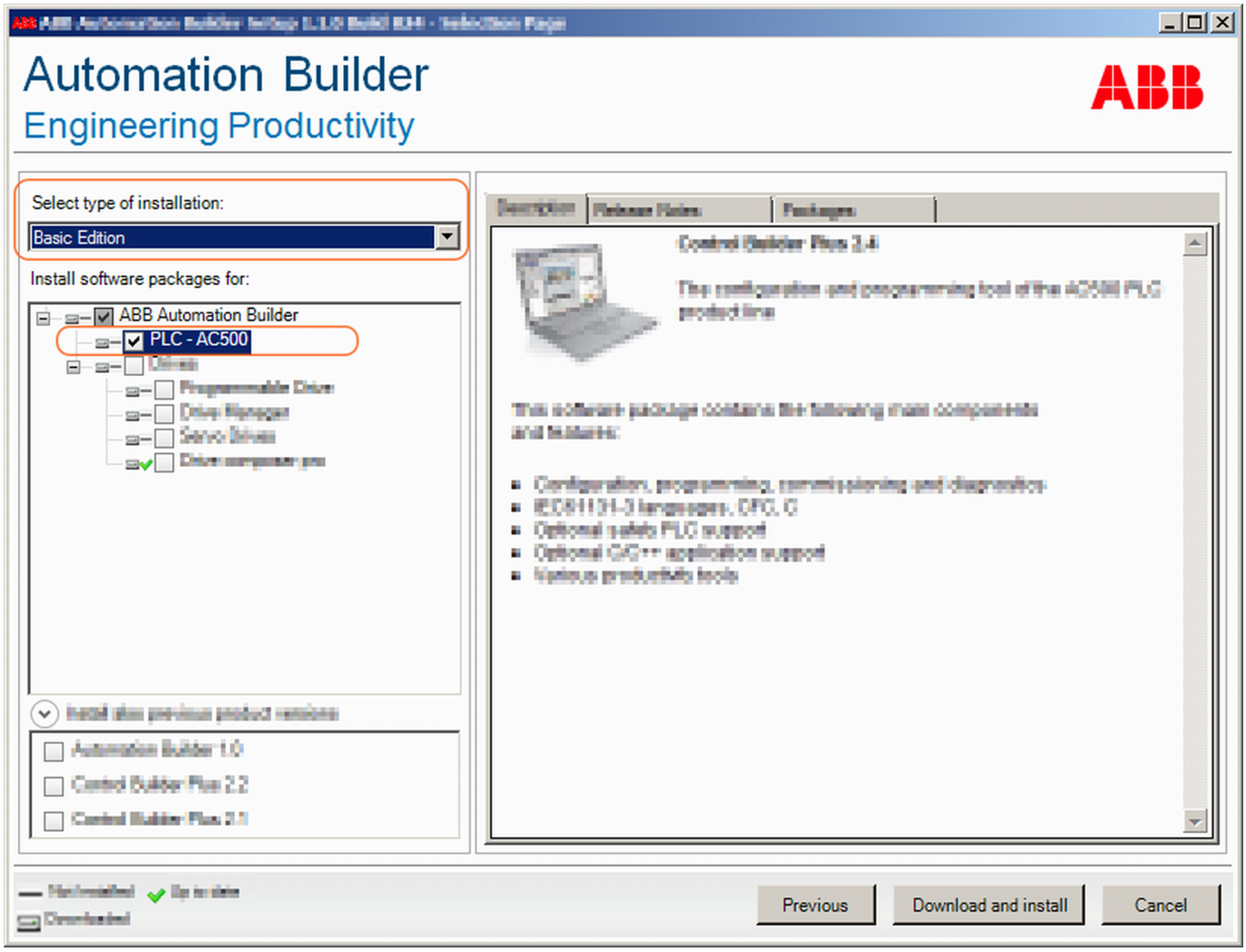
☑ Preconditions:

☑ You must have admin rights to install Automation Builder on your PC.

1. Under *www.abb.com/automationbuilder* download Automation Builder.
2. Install Automation Builder and follow the instructions of the installation manager.

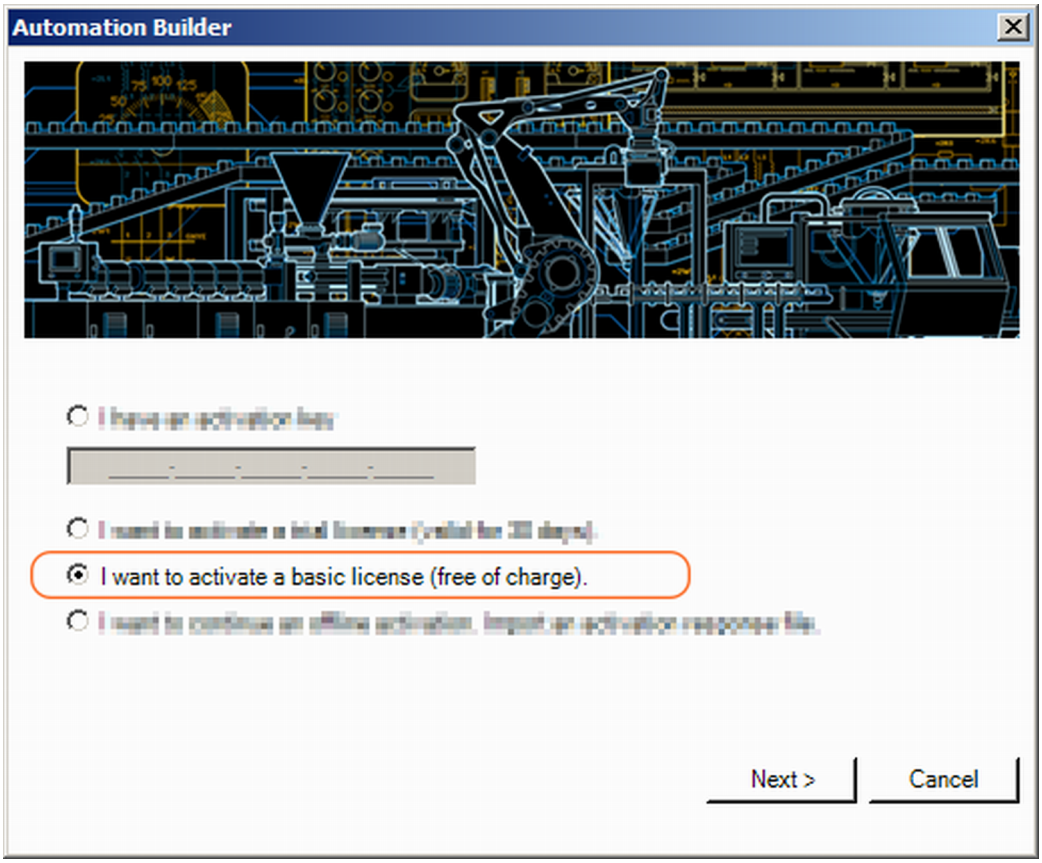
   Select type of installation: **Basic Edition**.

   Select at least software package: **PLC - AC500**. This software package is necessary for configurating and programming AC500-eCo CPUs.



3. Open Automation Builder and follow the instructions of the license manager.

   Select **basic license** for activating Automation Builder.



Other types of installation and other software packages can easily be installed later at any time.

1.2 Open Online Help

☑ Preconditions:

☑ Automation Builder is installed and licensed successfully.

1. Start the Automation Builder software, e.g. by double-clicking the Automation Builder icon on your desktop.

   ⇨ Automation Builder start page appears. If internet access is available, the default ABB homepage for Automation will be shown.

2. From the **Help** menu, click **Search**.

   ⇨ The search of the online help for Automation Builder opens.

3. Type in **Starter Kit** and press **Enter**.

4. In the search results, double click on the corresponding topic for AC500-eCo Starter Kit. Follow the described instructions.

5. Click on the symbol "Synchronization with the table of contents".

   ⇨ The **Contents** tab opens. You can see where the open topic is located in the tree view of online help.

1.3 Open Documentation for AC500-eCo CPU

☑ Preconditions:

☑ Automation Builder is installed and licensed successfully.

1. Start Automation Builder software.
2. From the **Help** menu, click **Index**.
   ⇨ The index of the online help for Automation Builder opens.
3. Type in **PM554-TP** and press **Enter**.
   ⇨ The hardware description of the AC500-eCO CPU PM554-TP-ETH opens.
4. Click on the **Contents** tab to see the whole documentation for Automation Builder.

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