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SPEED7 Studio SW V1.9 SP2 HW configuration from M13-CCF0001, 021-1BH00 and 022-1BH00
Topic

Application Note
Document Type

SPEED7 Studio Software, M13-CCF0001, 021-1BH00, 022-1BH00
Related Products

Date	Version History	Author	Summary of Changes
20-Mai-2020	Initial	Monastirlis K.	

Restrictions or Applicable Products
M13-CCF0001, 021-1BH00 and 022-1BH00 can be used with the SPEED7 Studio ver.: V1.9 SP2 or higher

Related Files
SPEED7 Studio V1.9 SP2, GSDML file for the Micro-PLC Ver: V107

Table of Contents

1   Replacement M13-CCF0000 by M13-CCF0001

A backward compatibility is granted. A direct device replacement without adjustments is possible.

2   Differences between M13-CCF0000 and M13-CCF0001

- The Article numbers.
- By M13-CCF0000 the 2 onboard analogue inputs are configurable only as voltage 0...10V.
- By M13-CCF0001 the 2 onboard analogue inputs are configurable as current 4… 20mA or voltage 0…10V.
- By M13-CCF0001 we have increase the internal memory from 64KB to 128KB. It is the maximum possible.

3   Deployment CPU M13-CCF0001

3.1   REQUIREMENTS FOR CPU M13-CCF0001 TO USE

- You need mandatory the SPEED7 Studio Software V1.9 SP2. Following you find the dedicated link for download:

https://www.vipa.com/en/products/software/speed7-studio/download/

- For Simatic Manager or TIA Portal you need to import the GSMDL File V107. Following you find the dedicated link for download:

https://www.vipa.com/en/service-support/downloads/config-files/
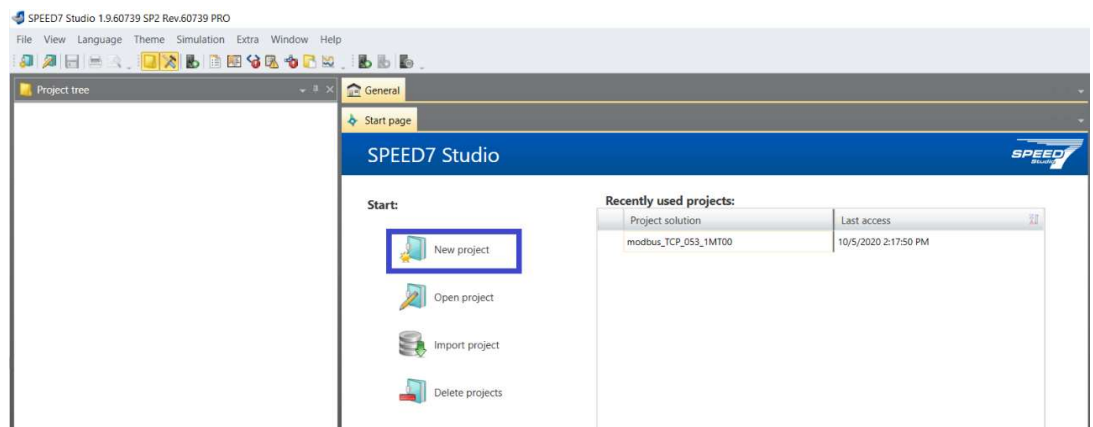
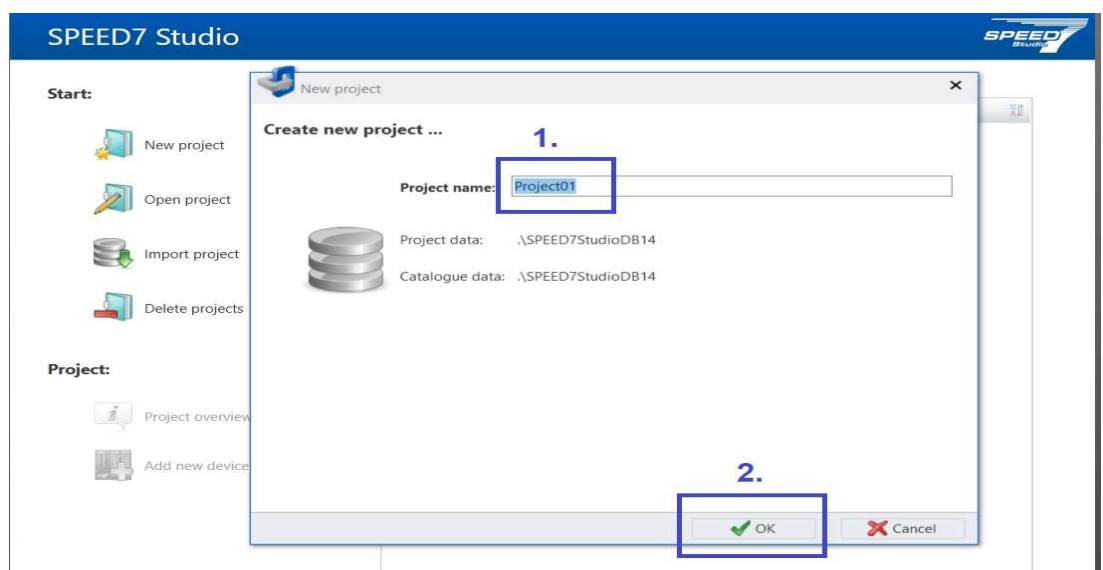## 3.2 SPEED7 Studio hardware configuration CPU M13-CCF0001
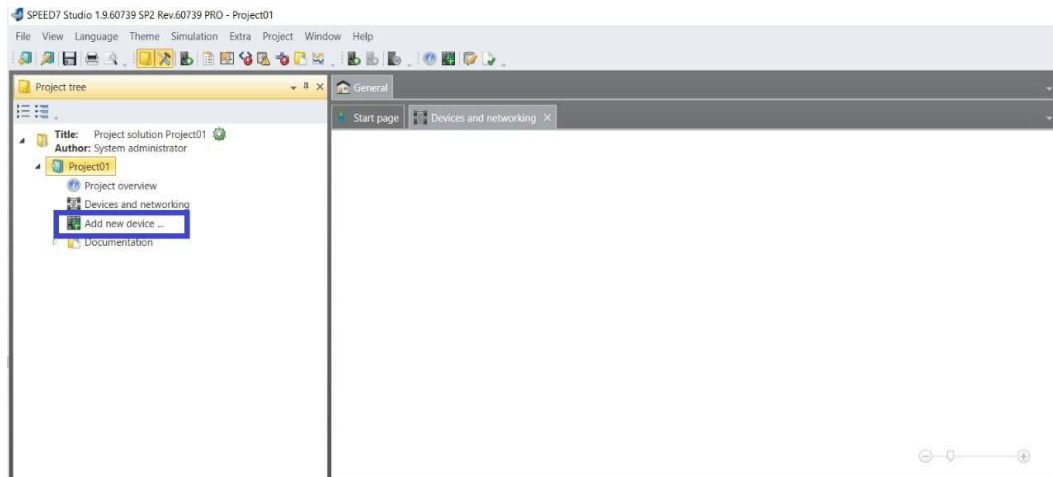
1. Start the SPEED7 Studio software.
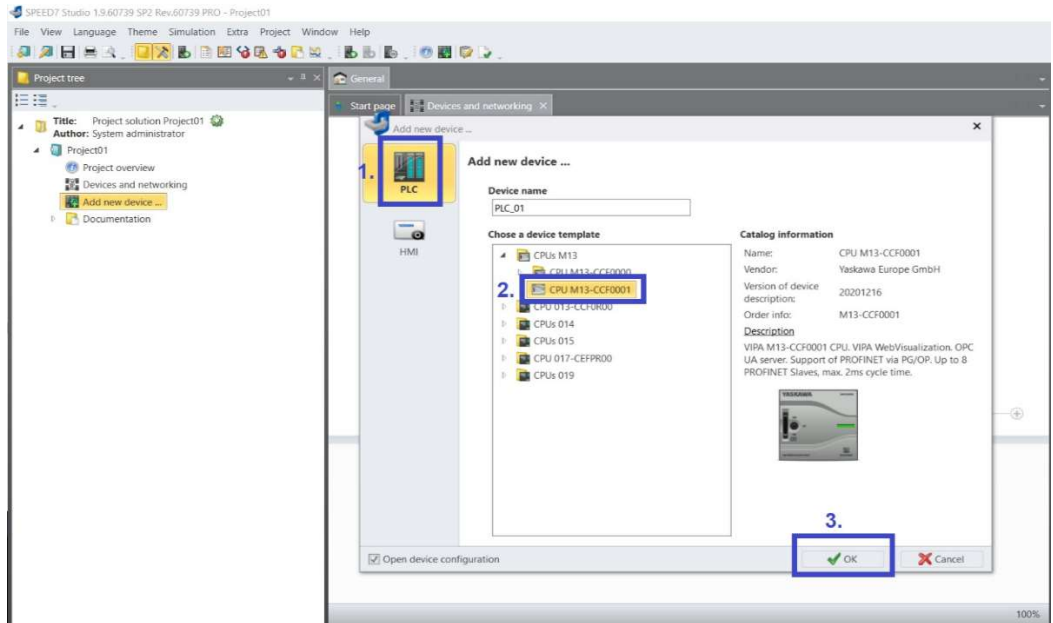

2. Create a new project.
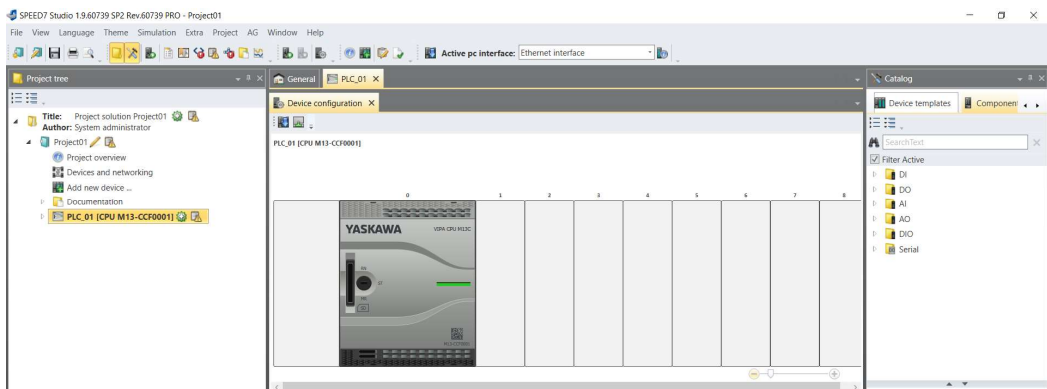

3. Use your own project name.

4. Add a new device.
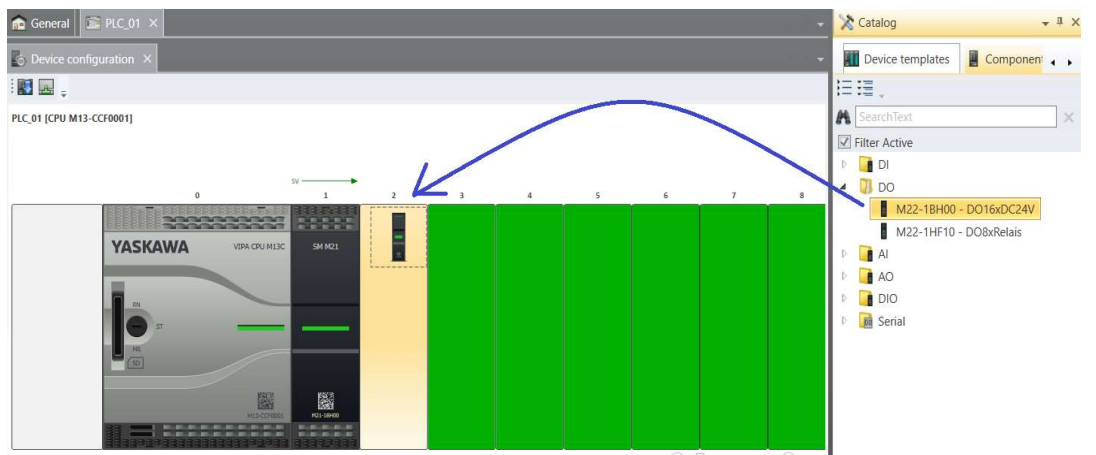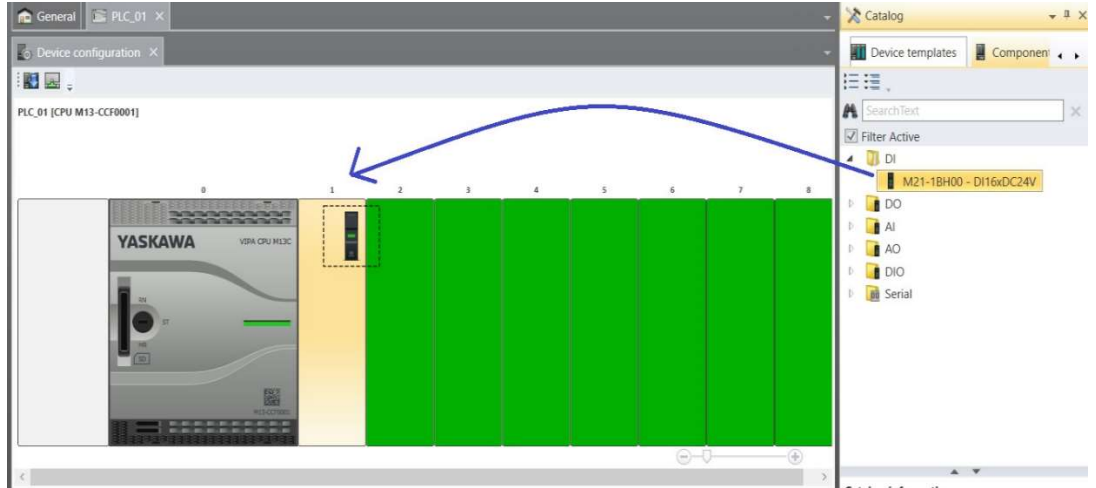

5. Add the CPU M13-CCF0001.

6. Finished.

3.3 SPEED7 Studio configuration for 021-1BH00 and 022-1BH00

1. After the hardware configuration from the CPU M13-CCF0001, you find the DI 021-1BH00 and DO 022-1BH00 in the components catalog. Via drag & drop you put it in the slot.

2. Finished.