SIEMENS

Weighing technology

FAQs
SIWAREX WP321

How to control or limit the simultaneously use of system function data record read and / or write?

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How to control or limit the simultaneously use of system function data record read and / or write?
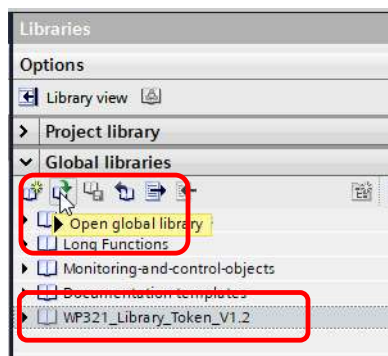
The library is created for 1200 and 1500 CPU's. The function block "WP321_Token" is an optional extension of the "WP321_Multiplex" getting started.

The block is used to control or limit the simultaneously use of system function data record read and / or write.

Information about the limits for simultaneously use of data records read and write for the different CPU's and with specific firmware versions can be found in this link.
https://support.industry.siemens.com/cs/ww/en/view/15364459

After unpacking the library, open it and the block WP321_Librabry_Token_V1.2 is listed in the Global Libraries:
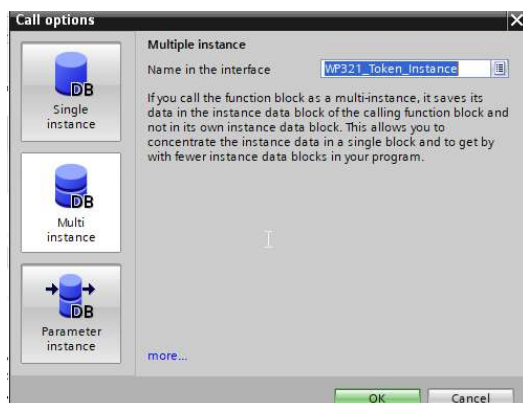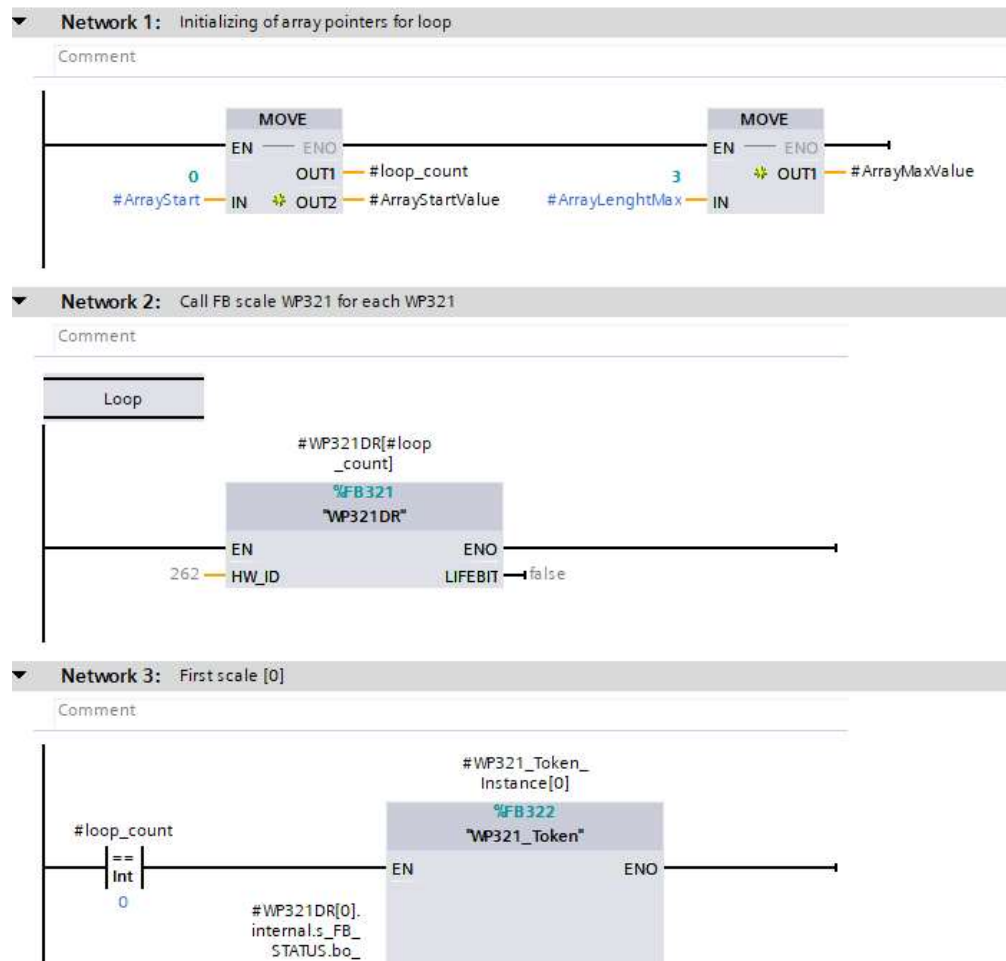

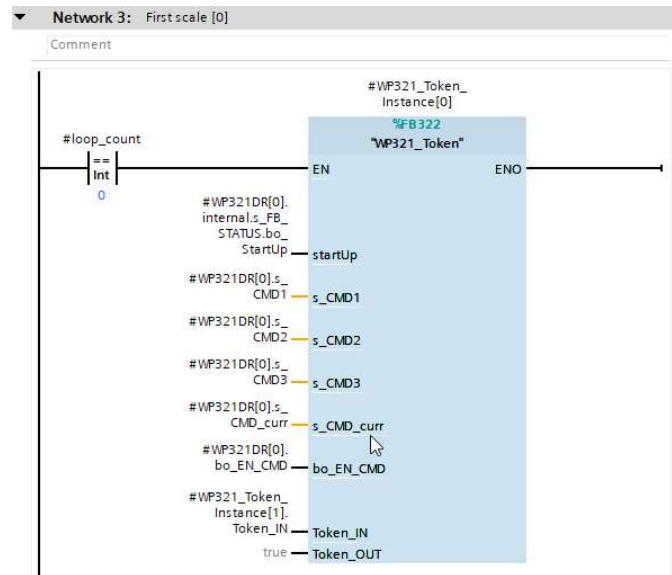The block is developed for several scales and need to be called inside the FB "WP321_Multi_Call".

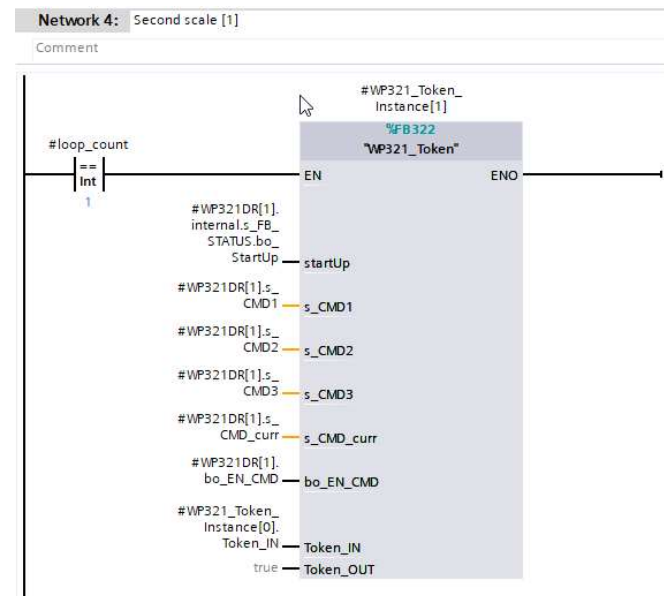Insert an array of "WP321_token_instance" in the static I/O area

For each scale insert a network in the way described in the screenshot below and create the instance DB's for all token call's shown as a multi instance DB.

Call of Siwarex WP321 module no. 1

Call of Siwarex WP321 module no. 2

The In/out PIN Token_in and Token_out is the hand over from and to the next WP351_Token block. The pin Token_out is used on Token_in on the next WP351_Token block and the Pin Token_out from the last WP351_Token must be used on the pin Token_in on the first WP351_Token block.

In that way a token hand over chain is created.

It is possible to create more chains if needed.

Contact

If you have any issues or suggestions regarding the related products or documents, please feel free to contact:

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