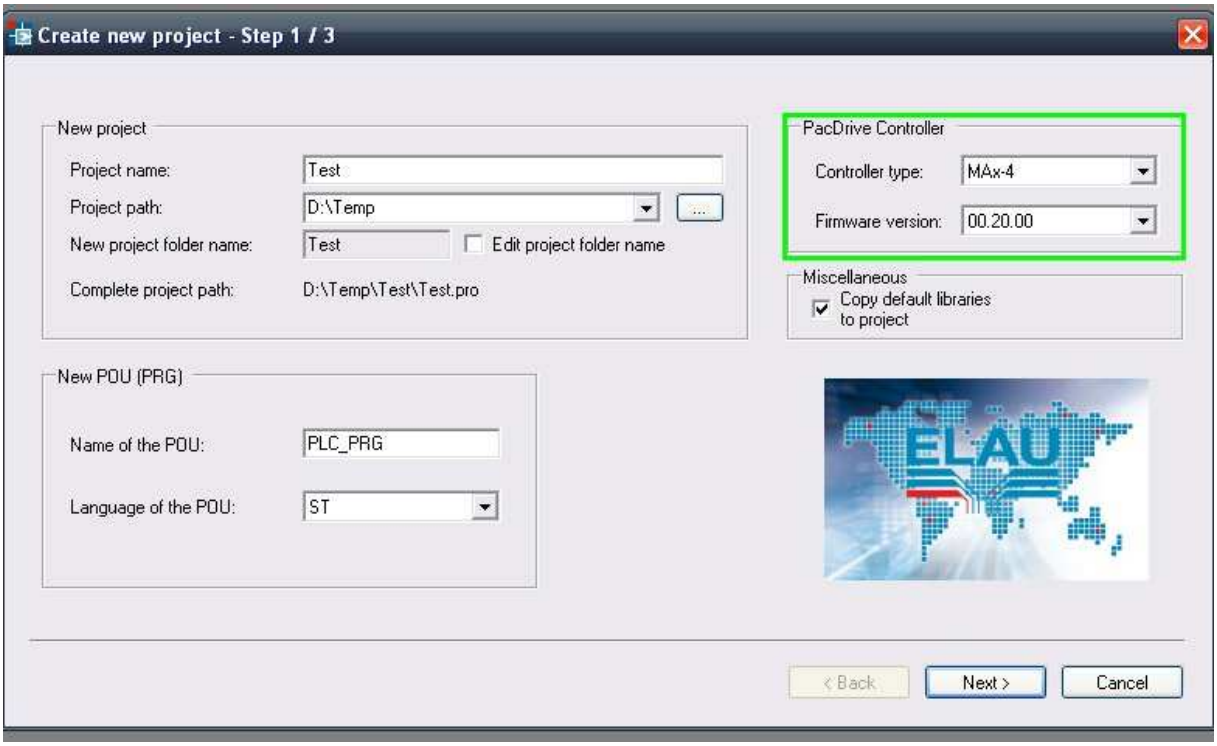
The easiest way to move an axis is to use the YOffsetGenerator. So you do not have to program anything.

Create a new project and select Max4 as controller type and the firmware version:

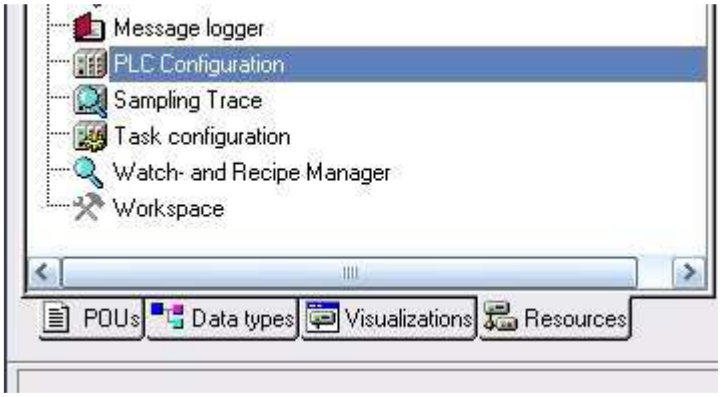


Enter the IP address of the controller:

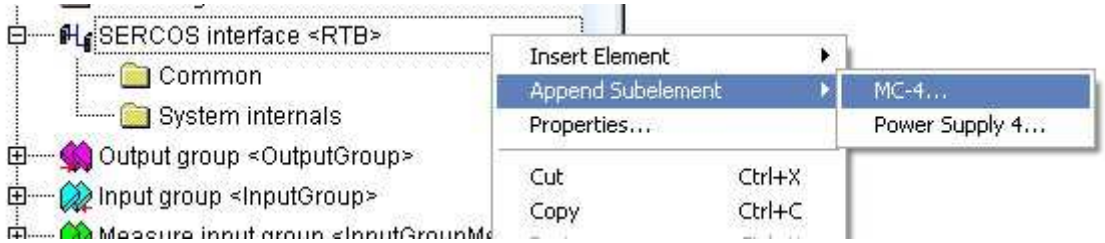


Click Next and Finish.

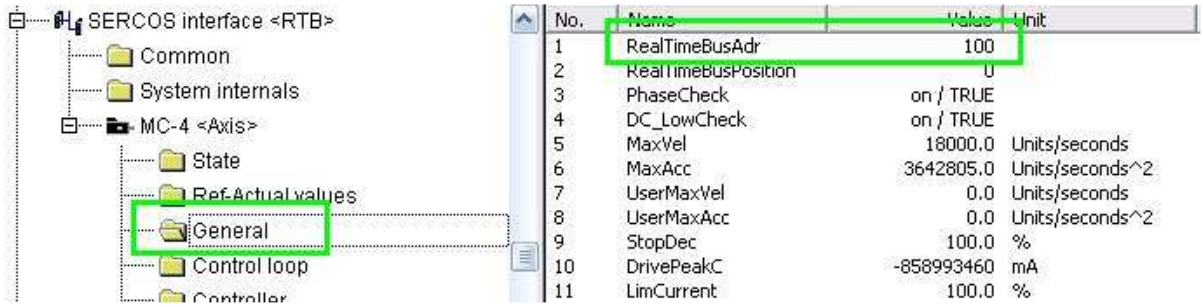
Change to the resource tab and open the PLC configuration:

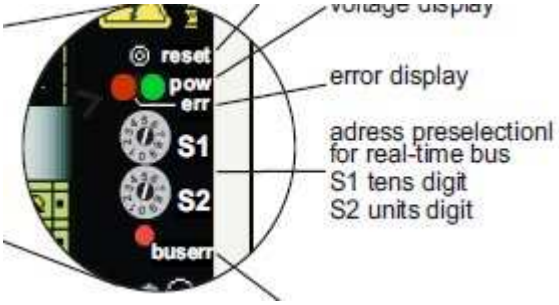


Append an MC-4 as subelement below the Sercos:

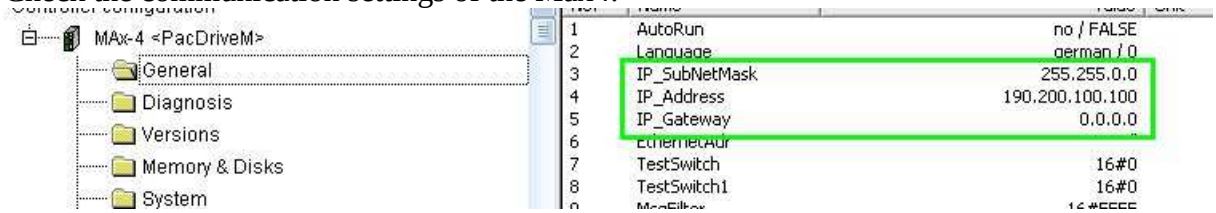


Select the General folder and enter the RealtimeBusAddress regarding to the adjustment of your MC-4 (S1 and S2):

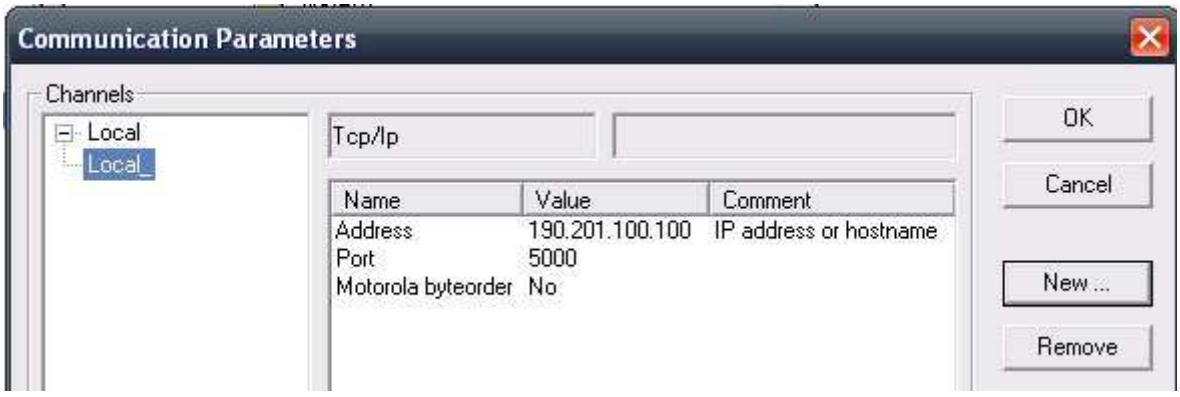




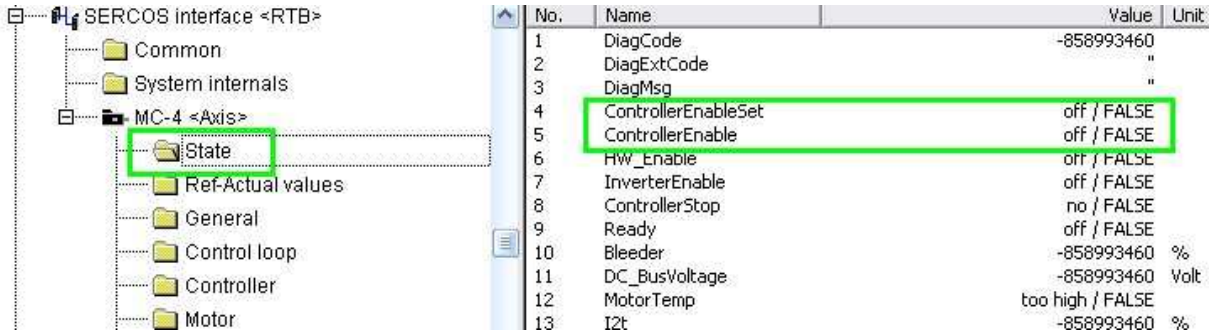
Check the communication settings of the Max4:



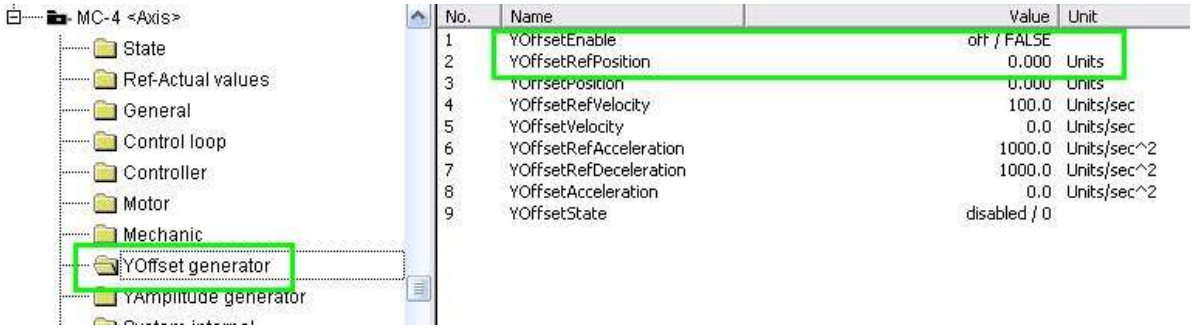
Select in the menu bar Online → Communication parameters and enter the ip address of the Max4:



Log in to the controller “Online → LogIn”. EPAS will download the program. After that you have to restart the controller.
After reboot log in again and change to the “State” folder of the MC-4. change the value of ControllerEnableSet to true to enable the axis. After that the value of ControllerEnable has to be also true and the value of AxisState has to be 3.



Change to the folder “YOffset generator” and enter a positive value at “YOffsetRefPosition” to move forward or a negative value to move backward. Set “YOffsetEnable” to true to enable the movement.



That’s it!