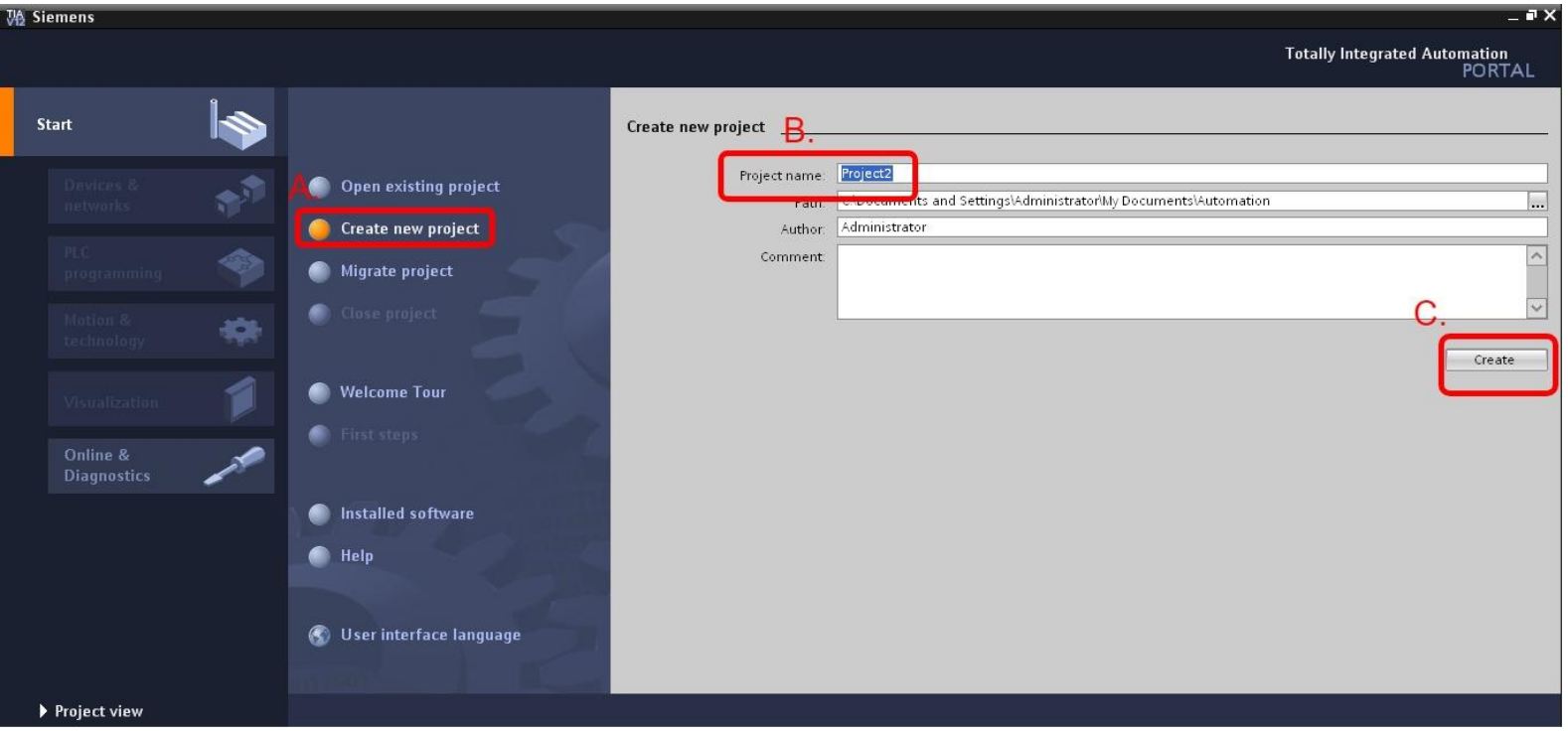
GW-7553 and SIMATIC STEP 7(TIA Portal) Configurations

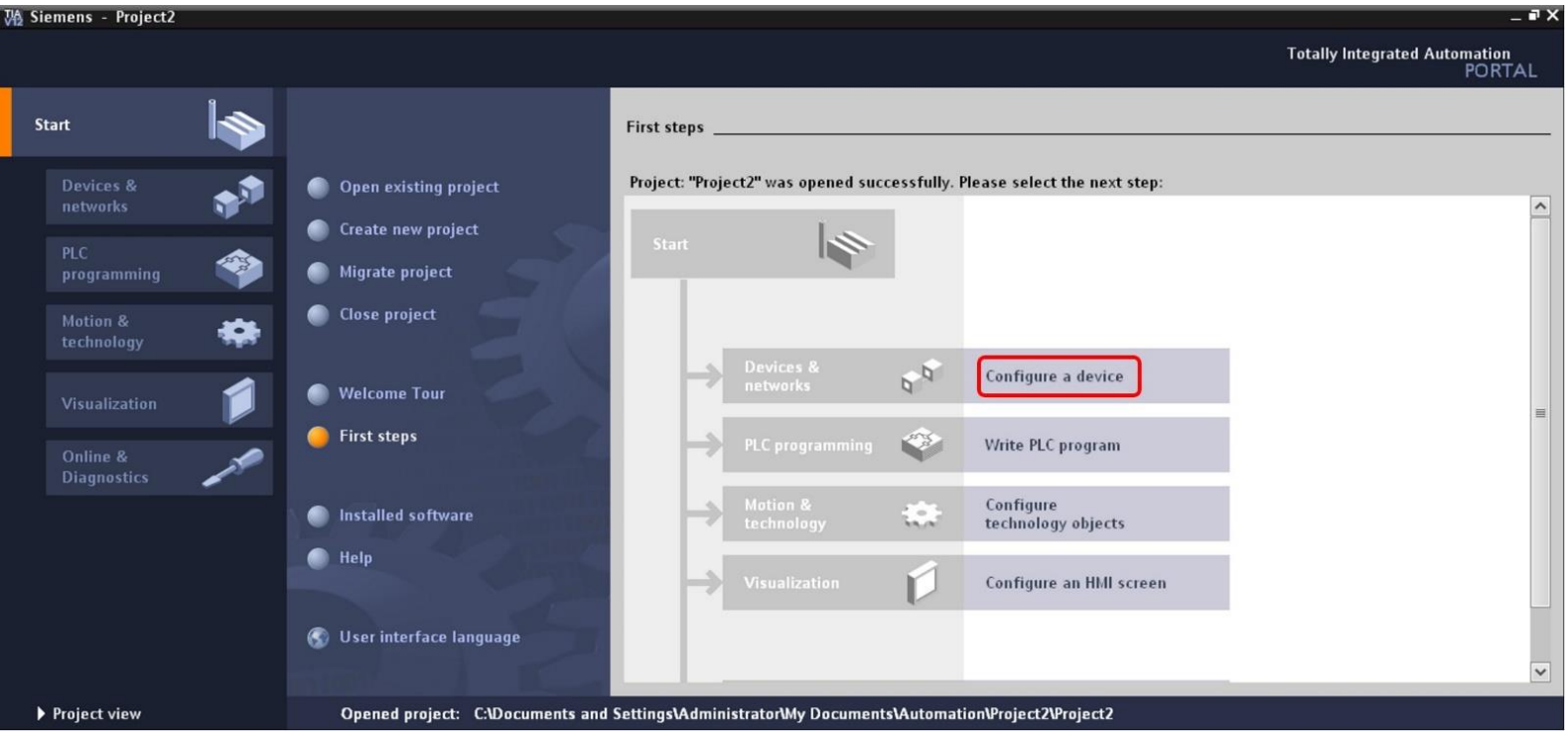
1. Double click “TIA Portal” icon.



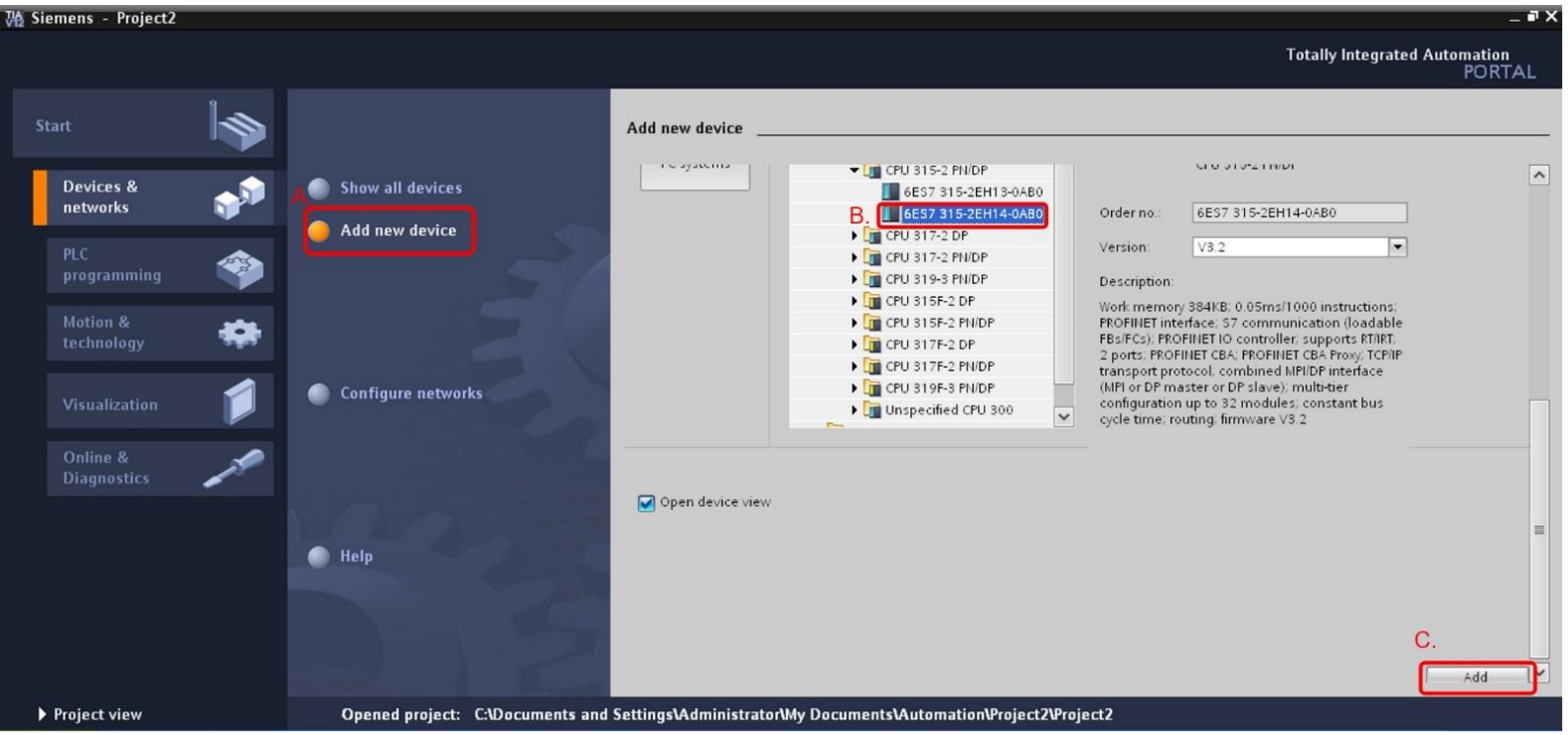
2. (A) Select “Create new project”
(B) Set project name and click “Create”



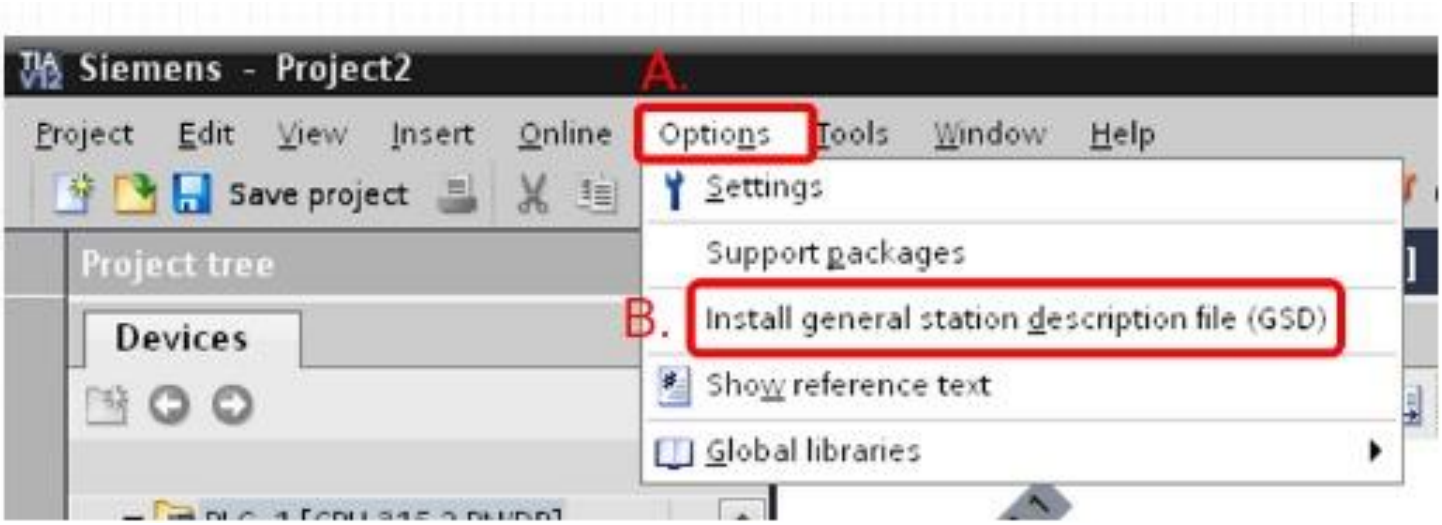
3. Select “Configure a device”



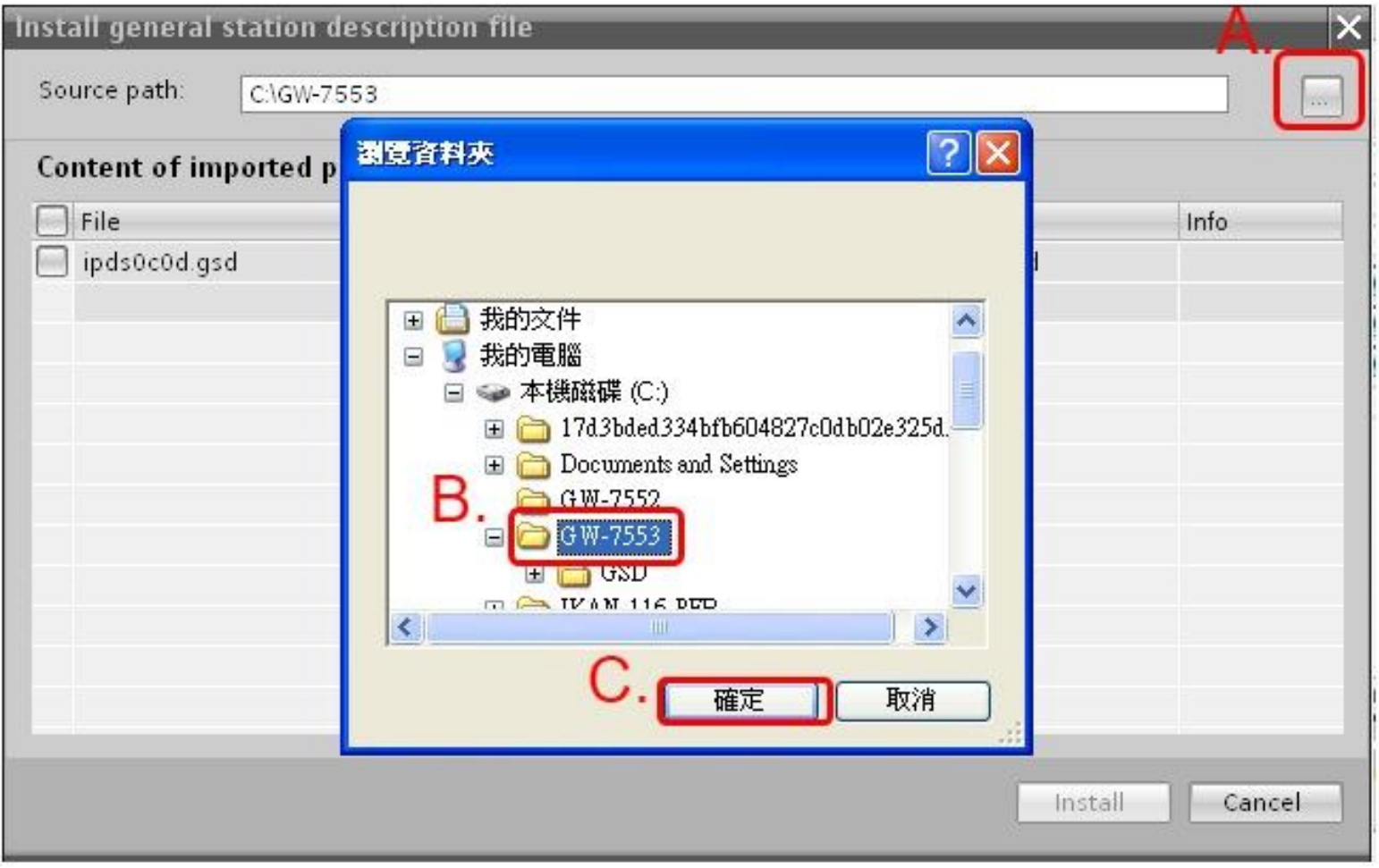
4. (A) Select ”Add new device”
(B) Select your PLC type and click “Add”



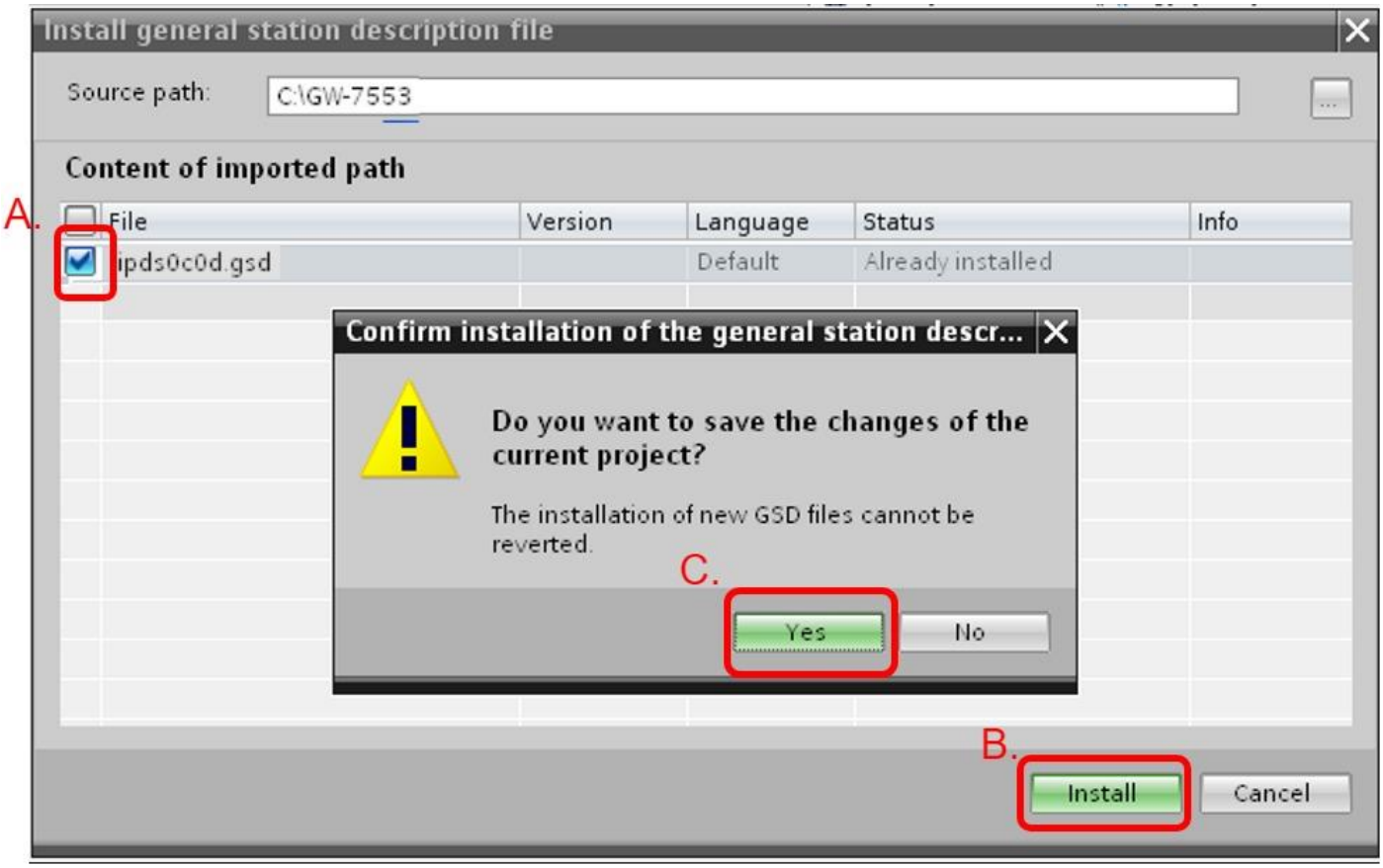
5. Click “Options” and then click “Install general station description file(GSD)”



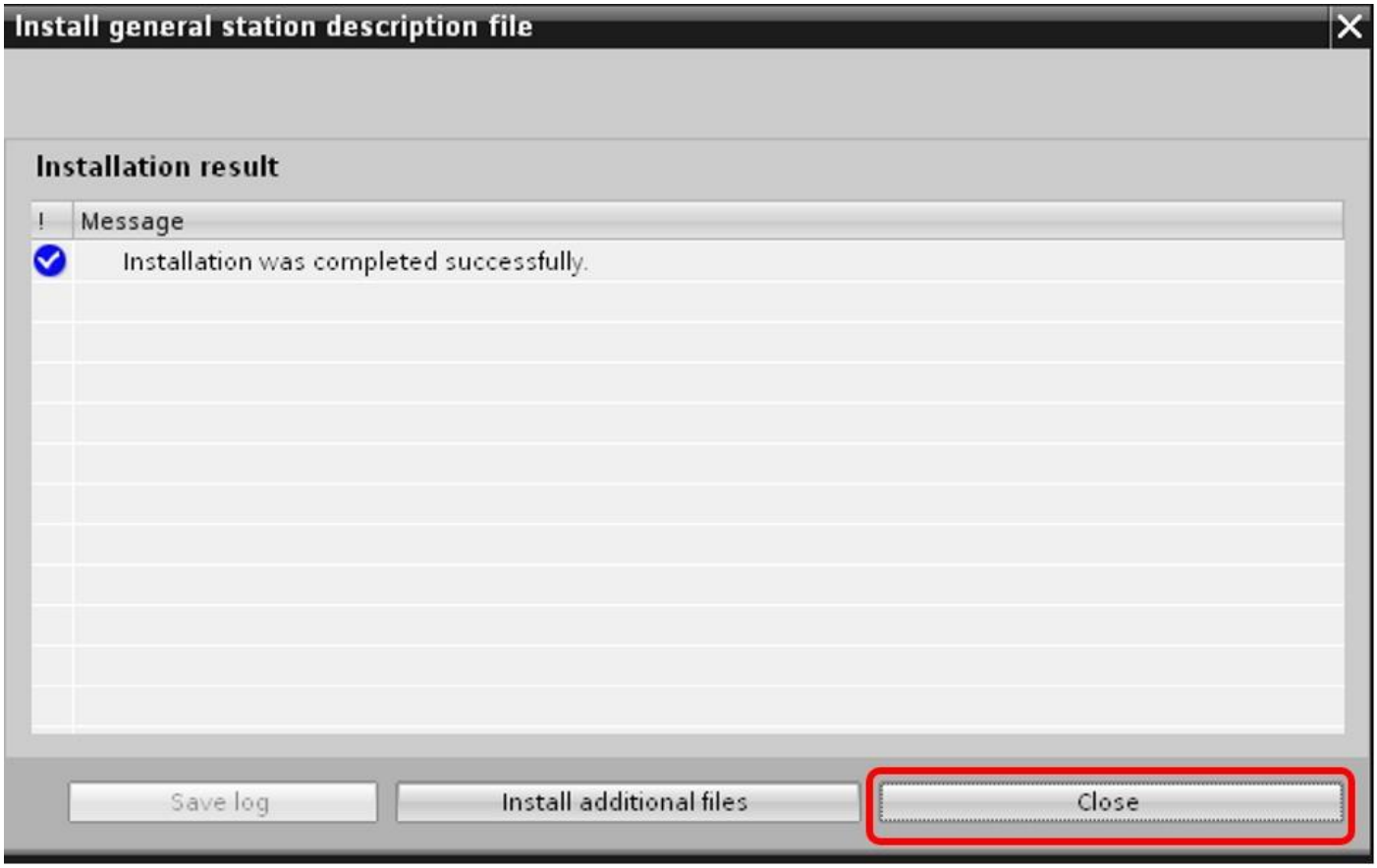
6. (A) Click “…”
(B) Select the directory of GW-7553’s GSD file(ipds0c0d.gsd) and click”OK”



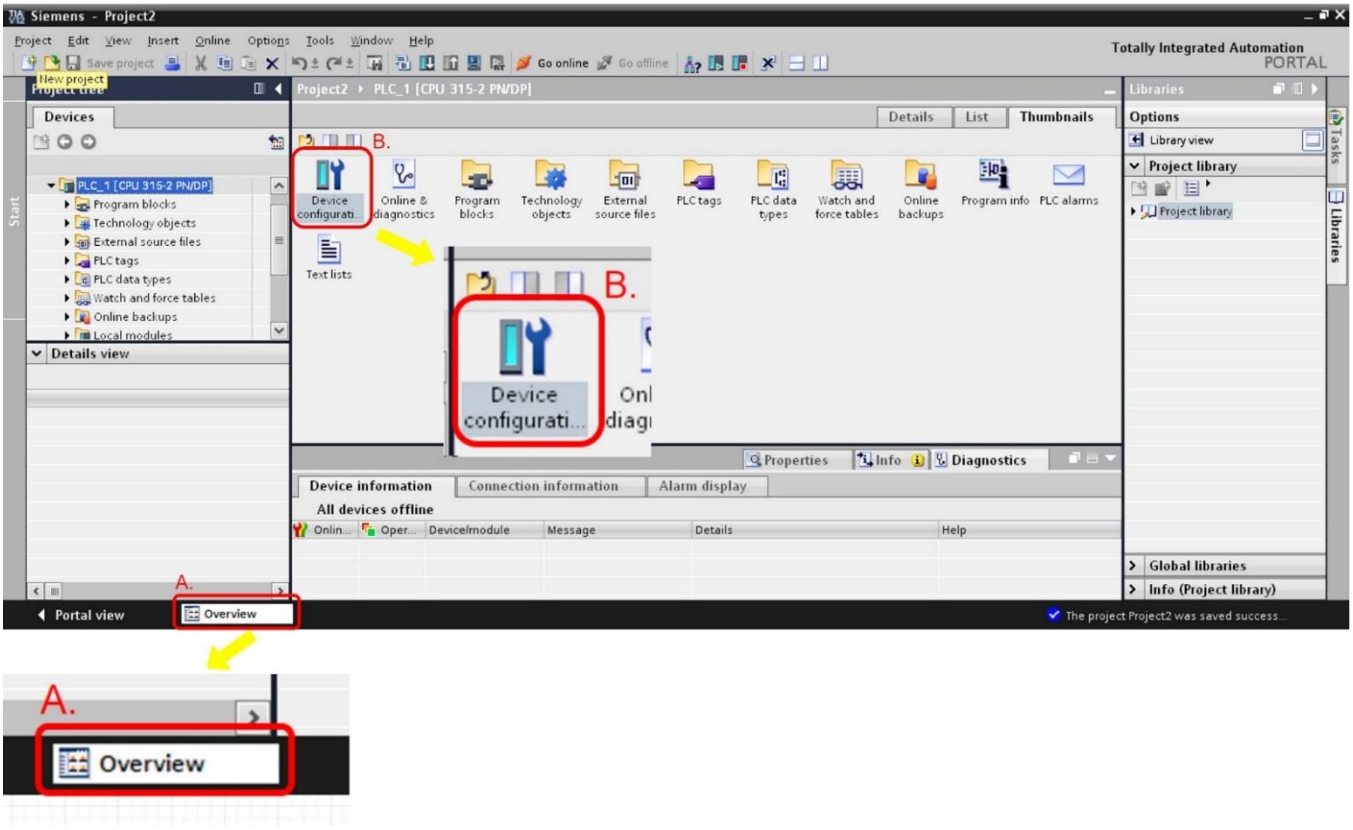
7. (A) Tick the item of GW-7553 GSD file
(B) Click “Install” and then click “Yes”



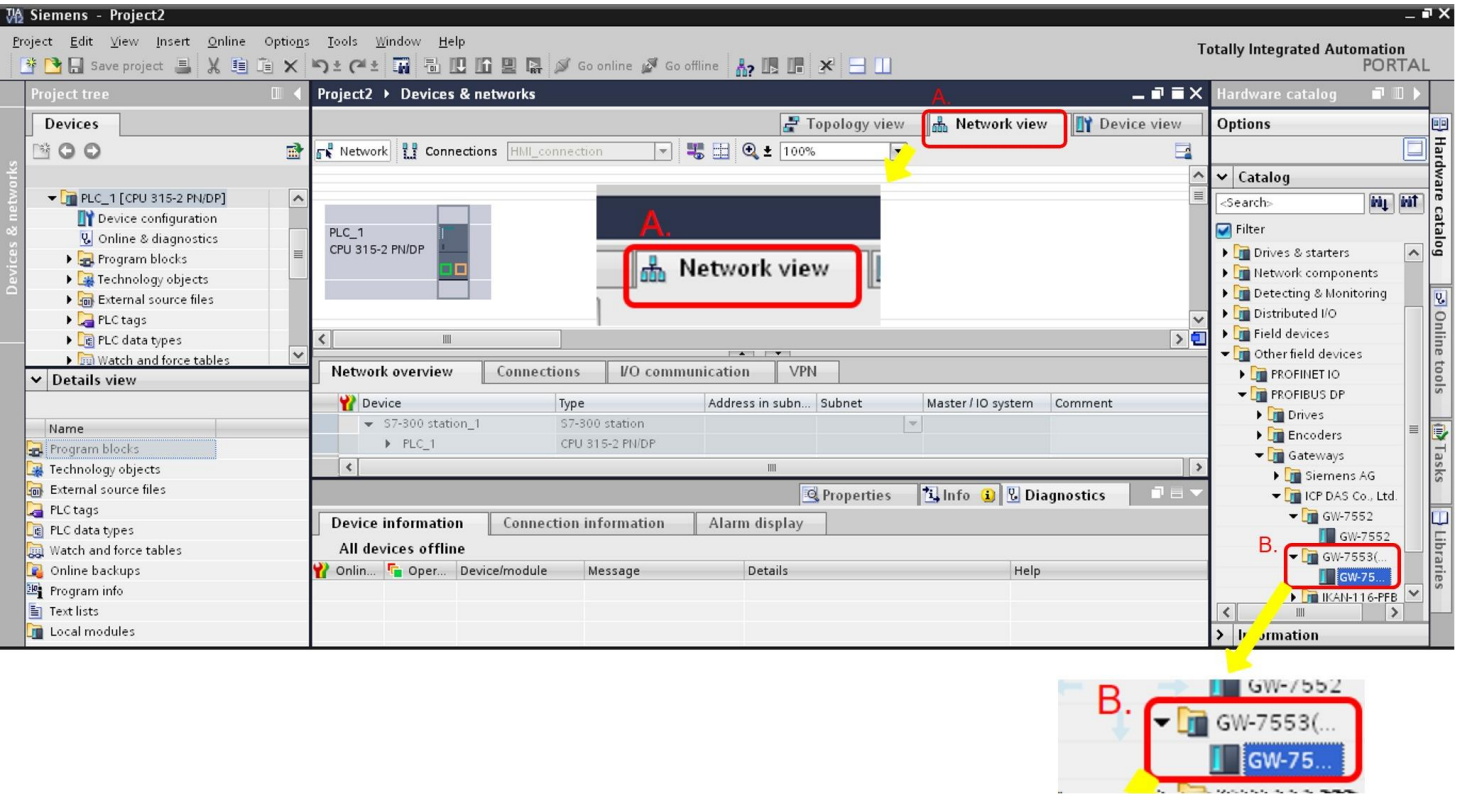
8. Click “close”



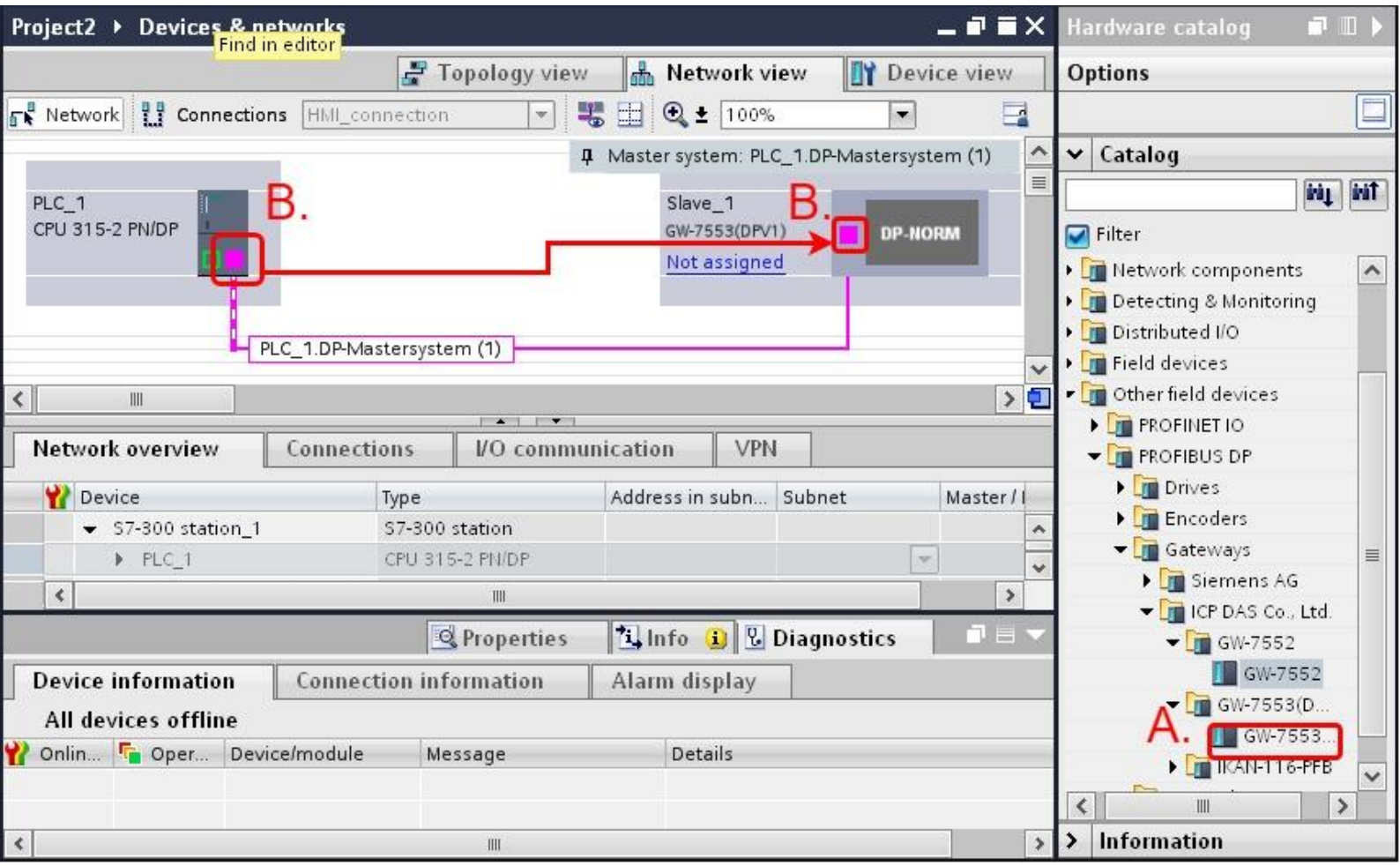
9. Click ”Overview” and then click “Device Configuration”



10. (A) Click “Network view” and confirm GW-7553 is available in “Catalog”
(B) The path of GW-7553 in “Catalog” :
“Other field devices” → “PROFIBUS DP” → “Gateways” →“ICP DAS Co. Ltd” →”GW-7553”

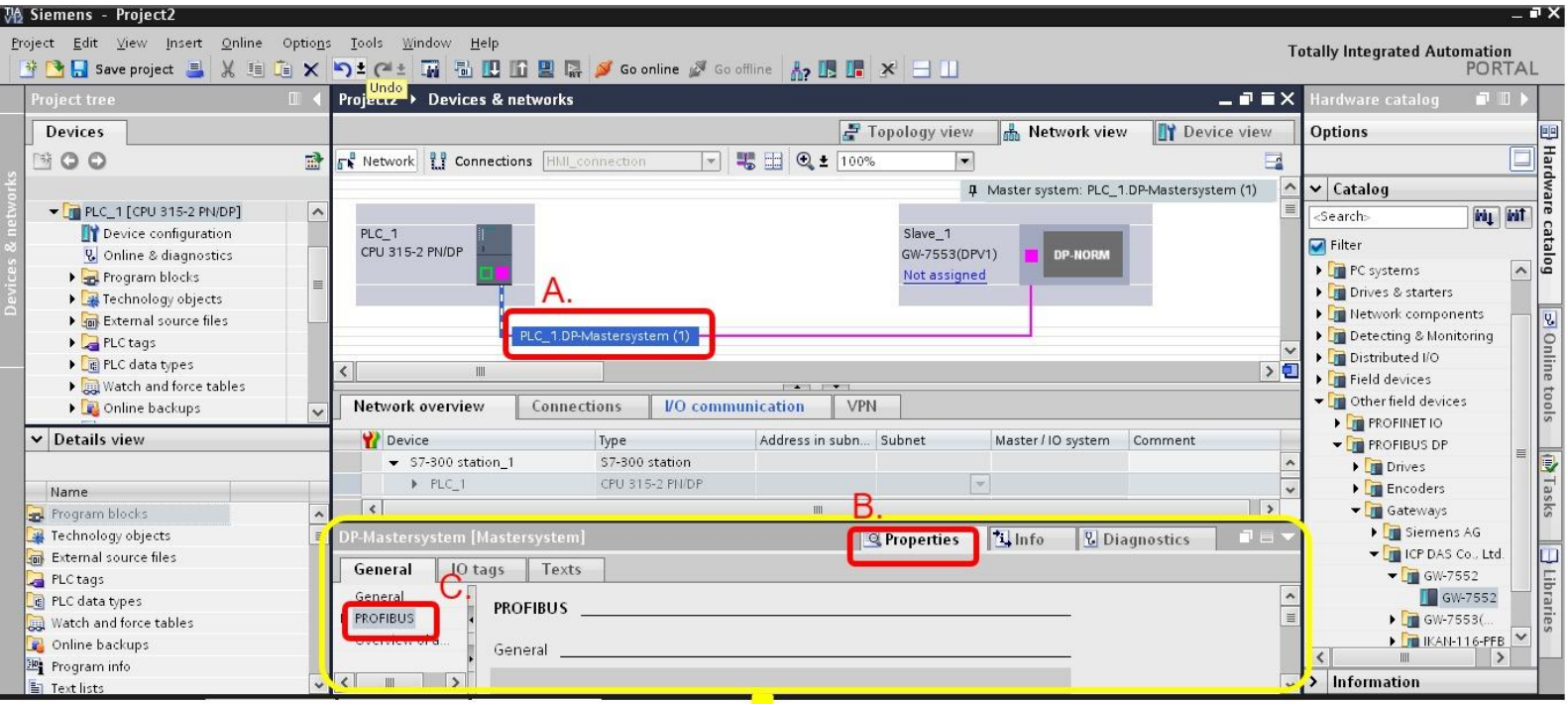


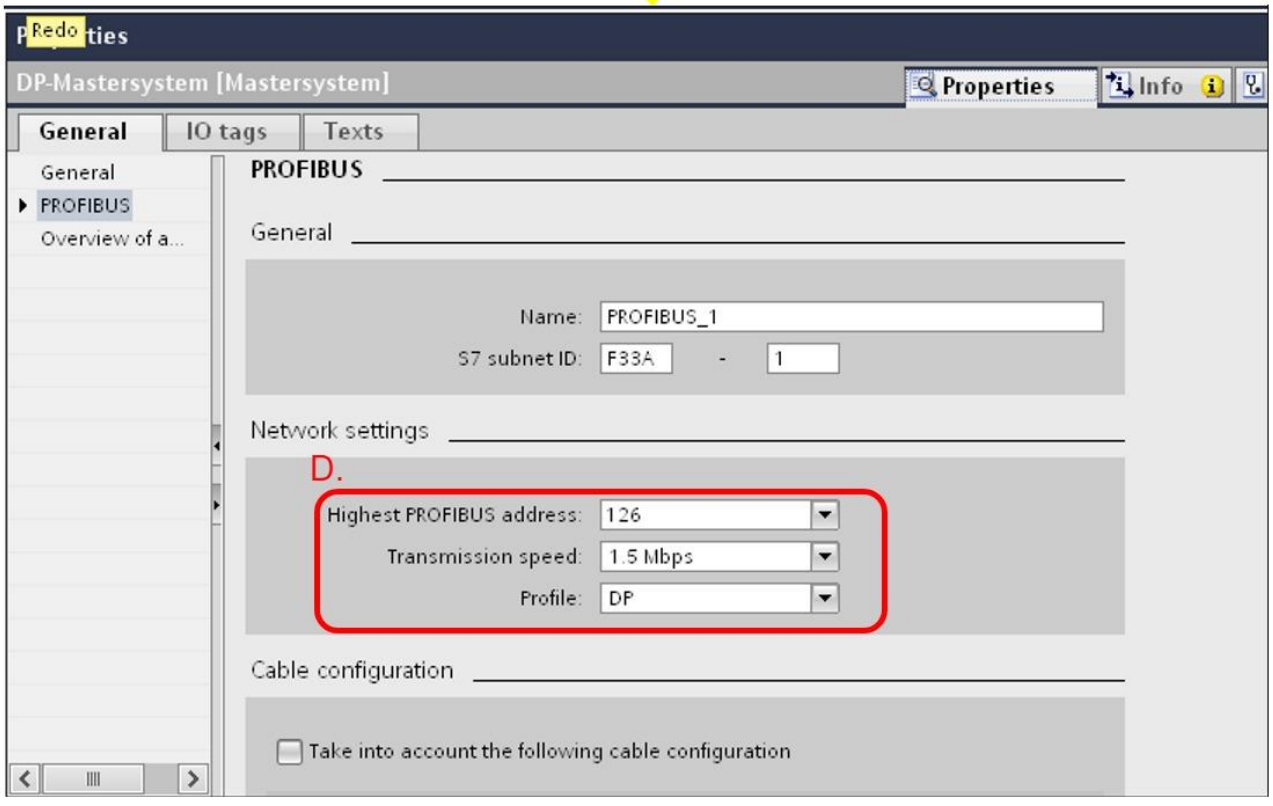
11. (A) Double click “GW-7553”
(B) hold down the block which is PROFIBUS DP interface in PLC and move the mouse cursor to the block of GW-7553.



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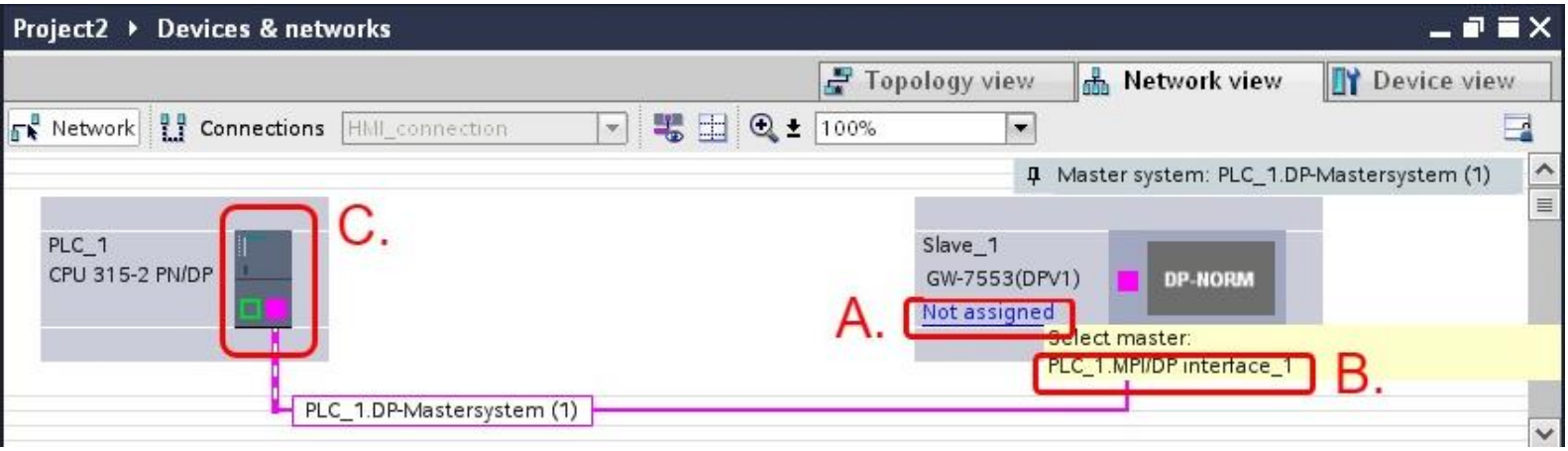
12. (A) Click “PLC_1 DP-Mastersystem(1)”
(B) click “Properties”
(C) click ”PROFIBUS”
(D) In “Network settings”
(1) set ”Highest PROFIBUS address”=126,“Profile”=DP.
(2) “Transmission speed” : set the value which you need.



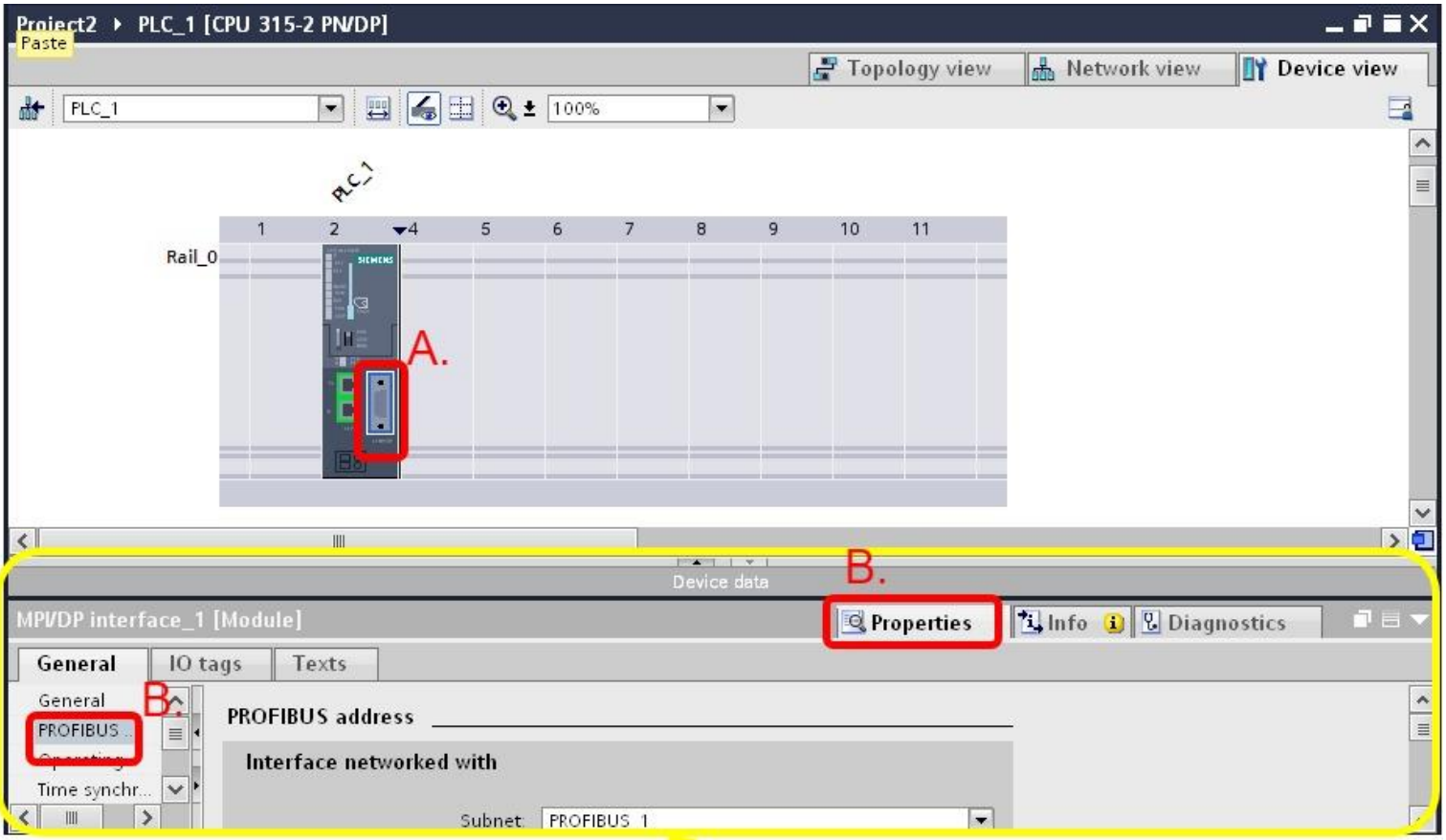


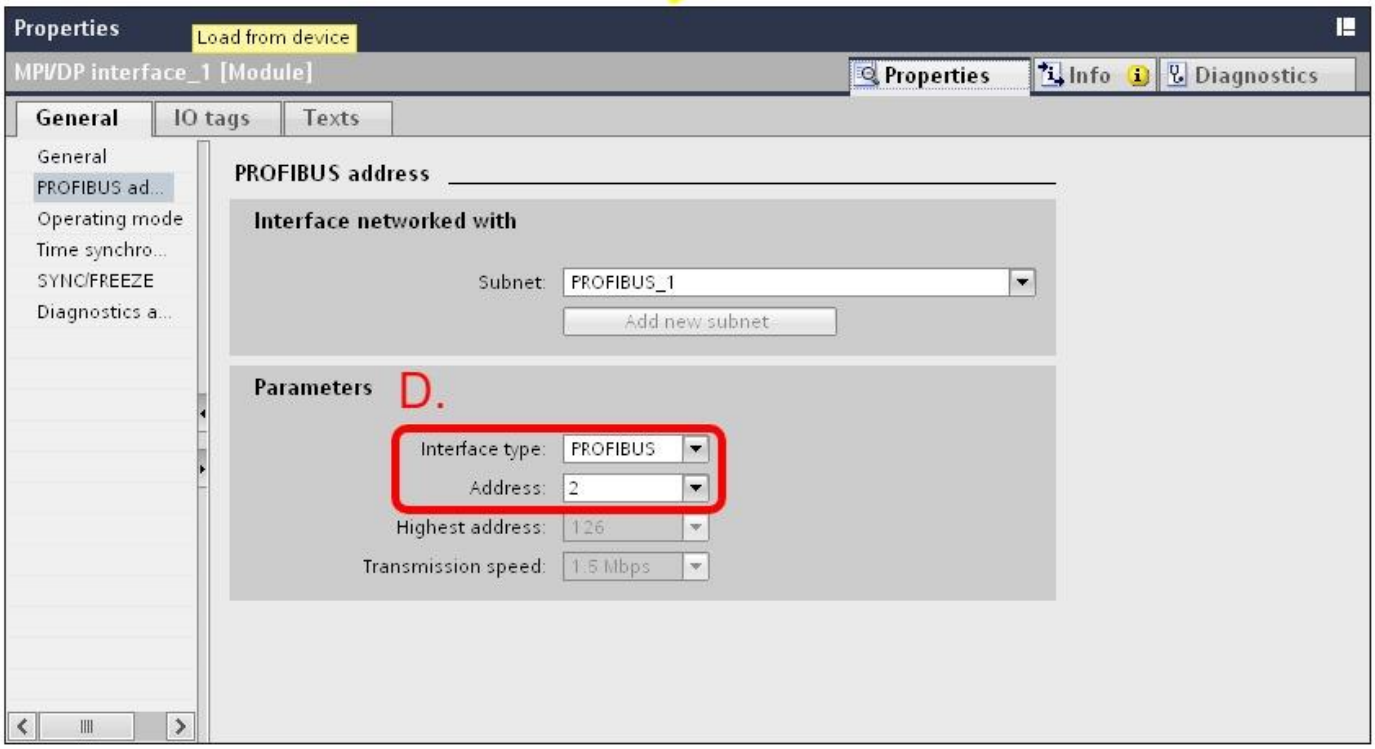
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13. (A) If “Not assigned” is shown in GW-7553, click ”Not assigned” and select your PLC.
(C)Double Click your PLC



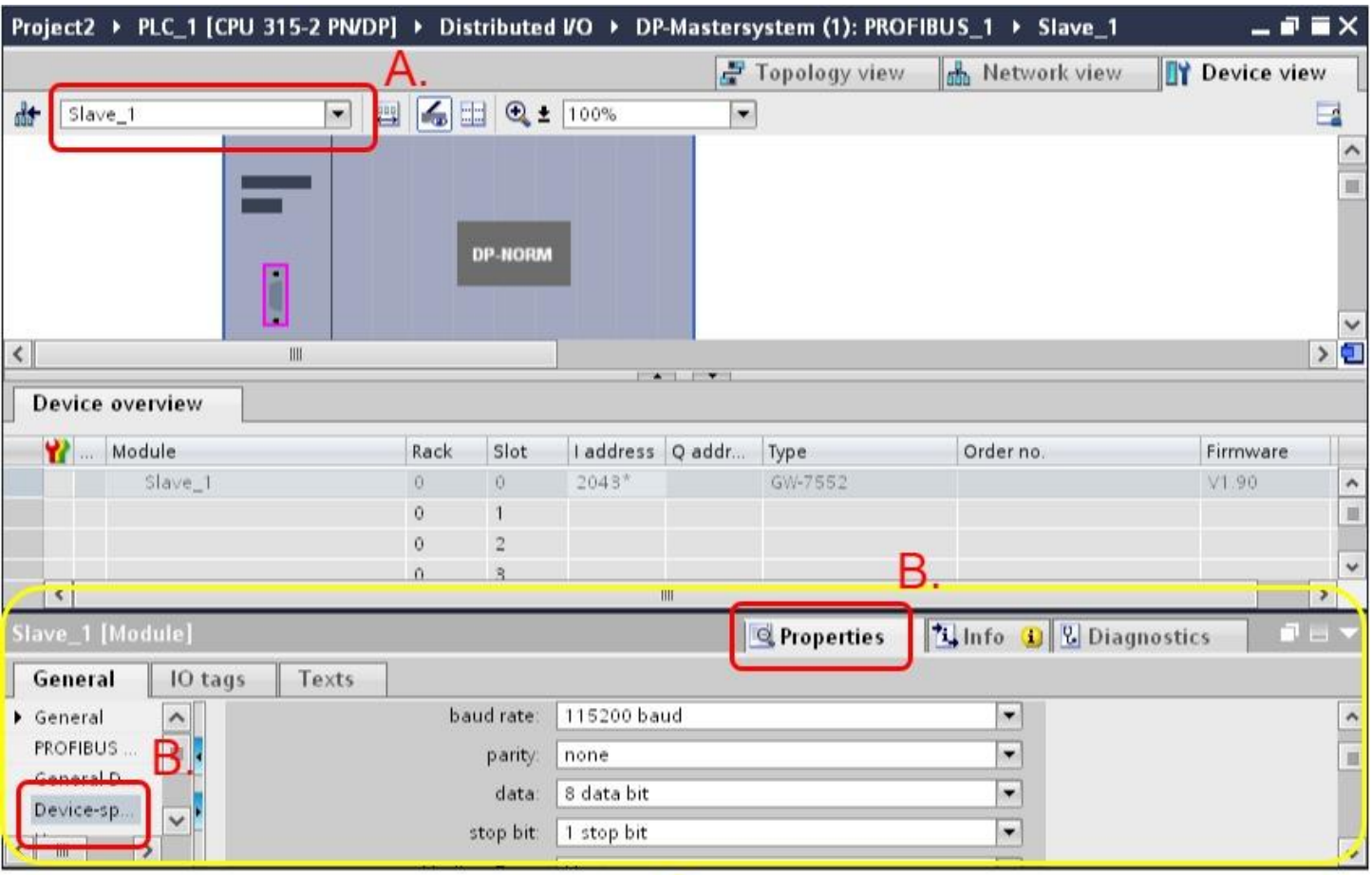
14. (A) Click the PROFIBUS DP interface.
(B) Click “Properties” and “PROFIBUS address”
(C) In ”Parameters”:
(1) set “Interface type”=PROFIBUS.
(2) ”Address”: set PROFIBUS address for your PLC.

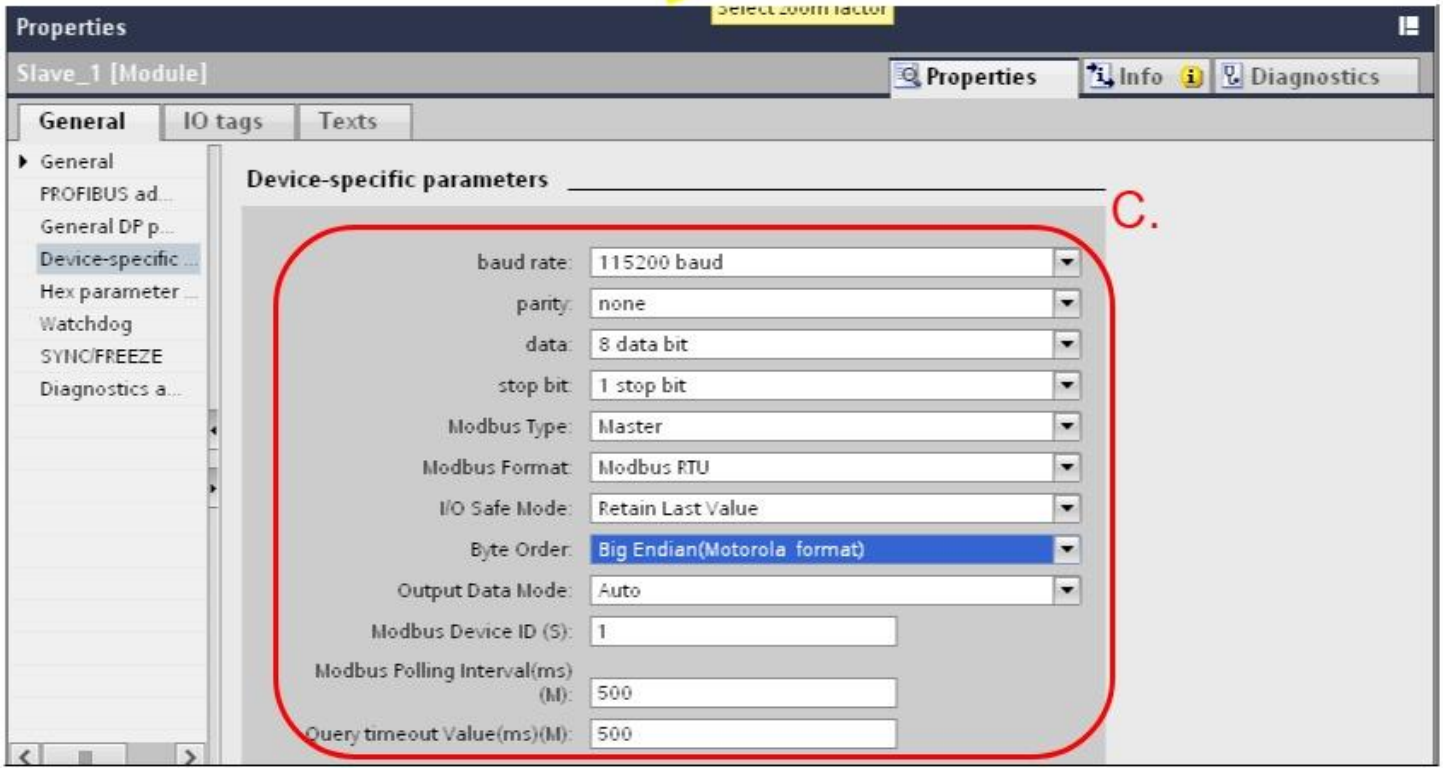




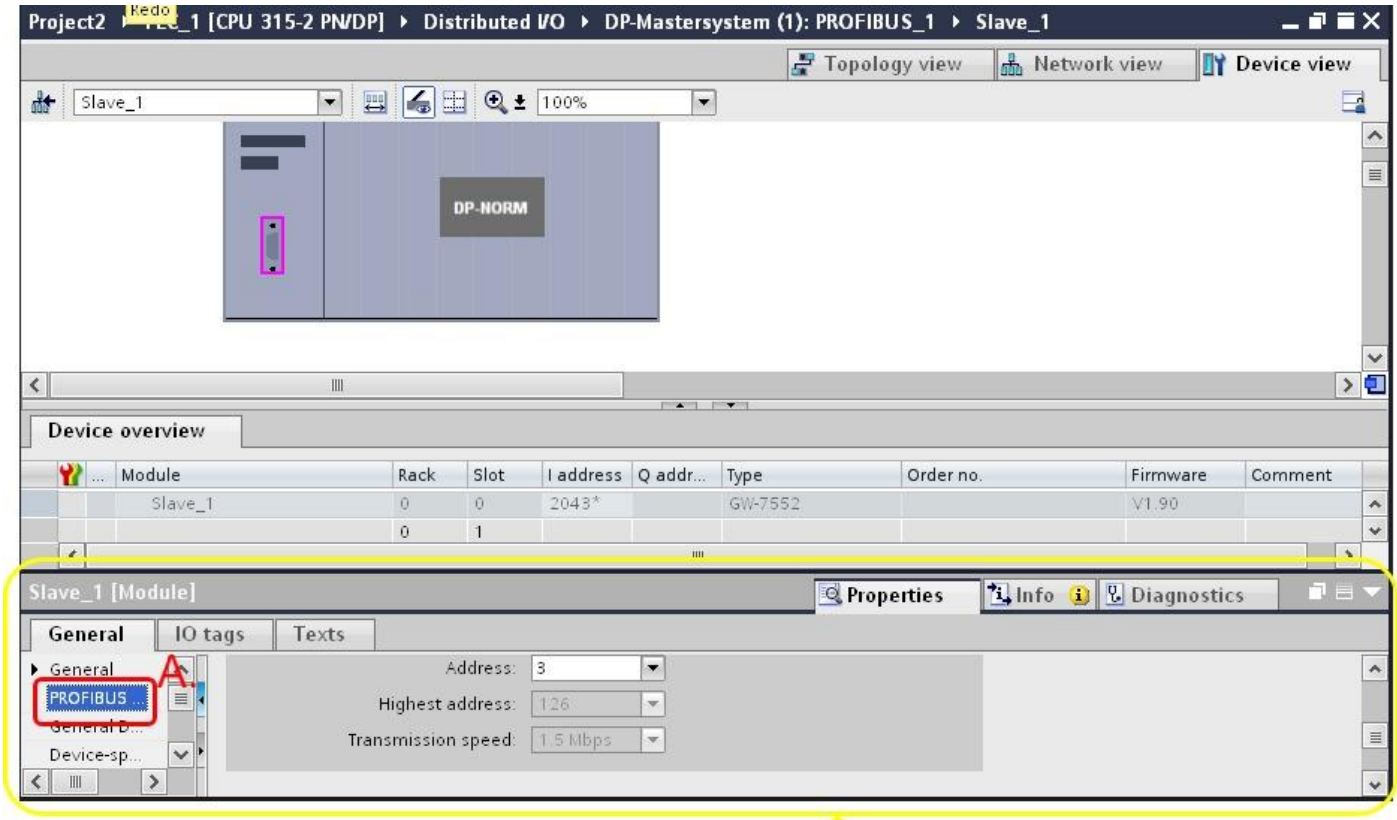
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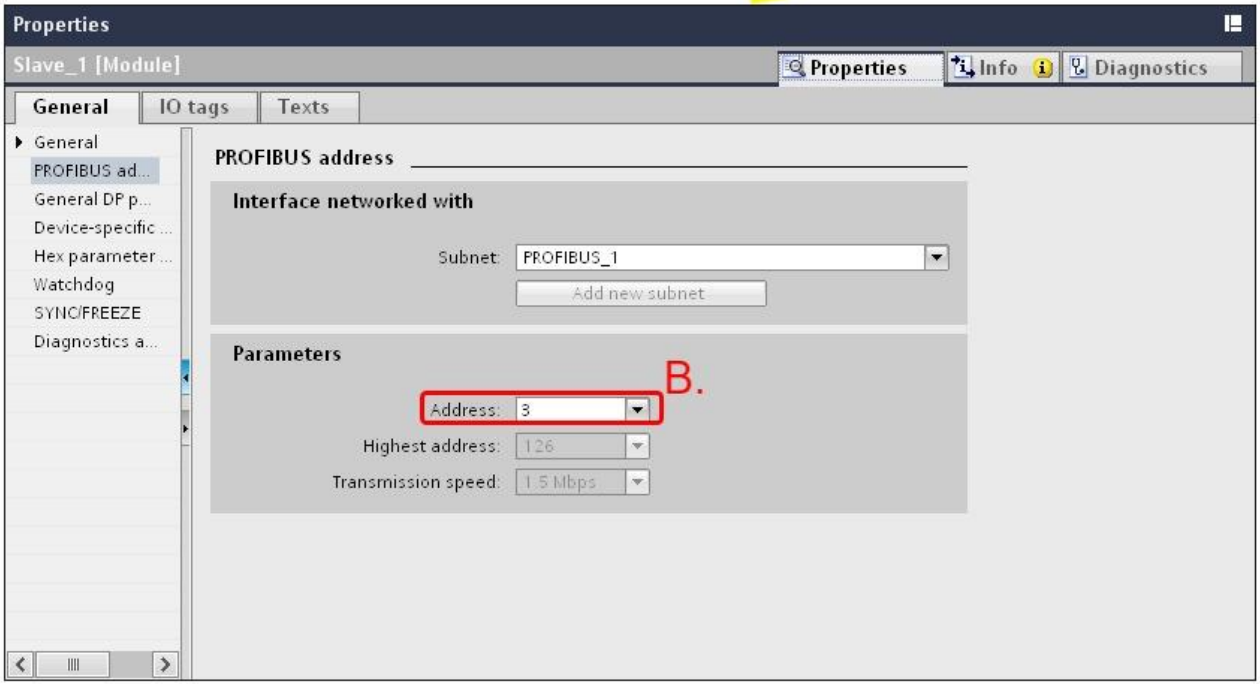
15. (A) Select “Slave_1” (If GW-7553 is “Slave_2”, select “Slave_2”,etc.)
(B) Click “Properties” and “Device-specific”
(C) You can set device parameters of GW-7553 in “Device-specific parameters” (e.g. baud rate, parity, data bit)



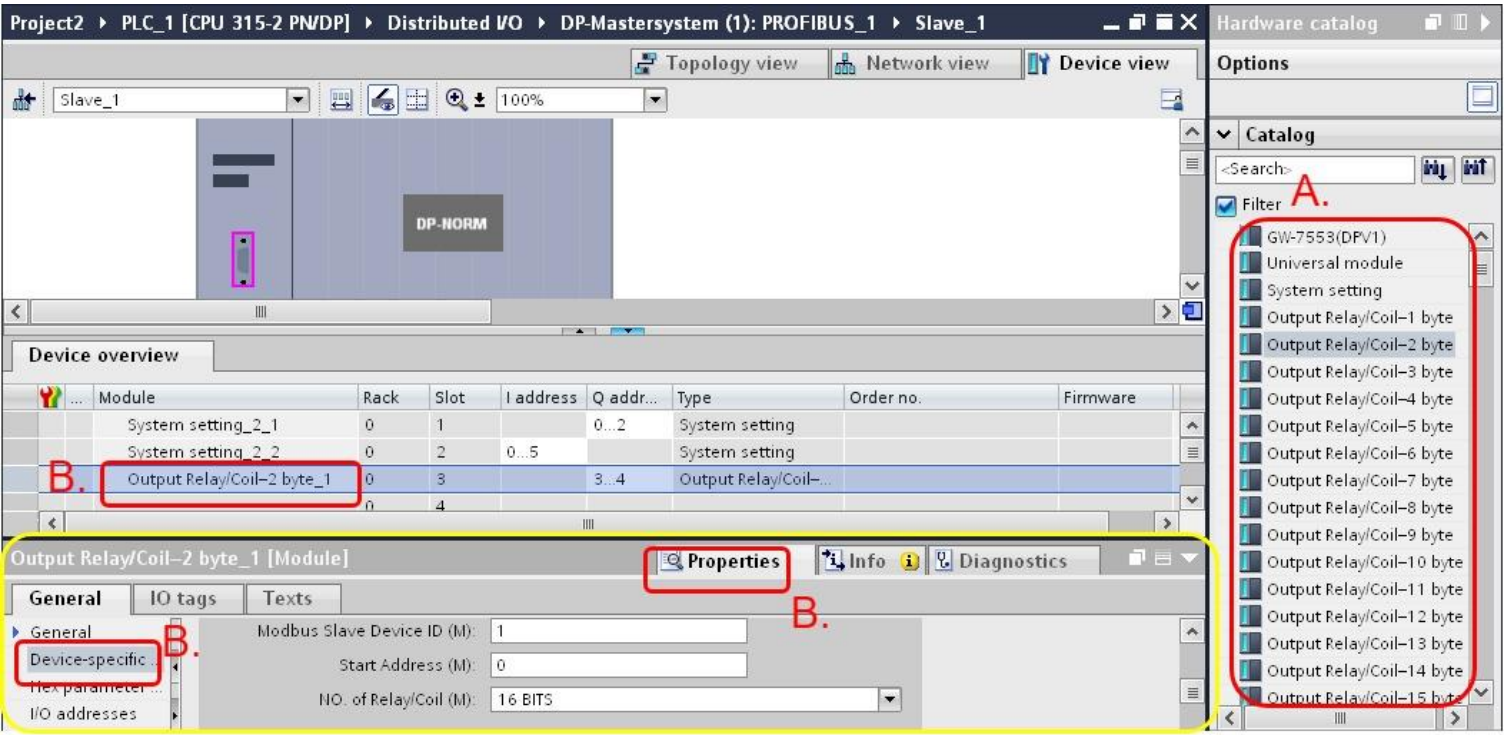


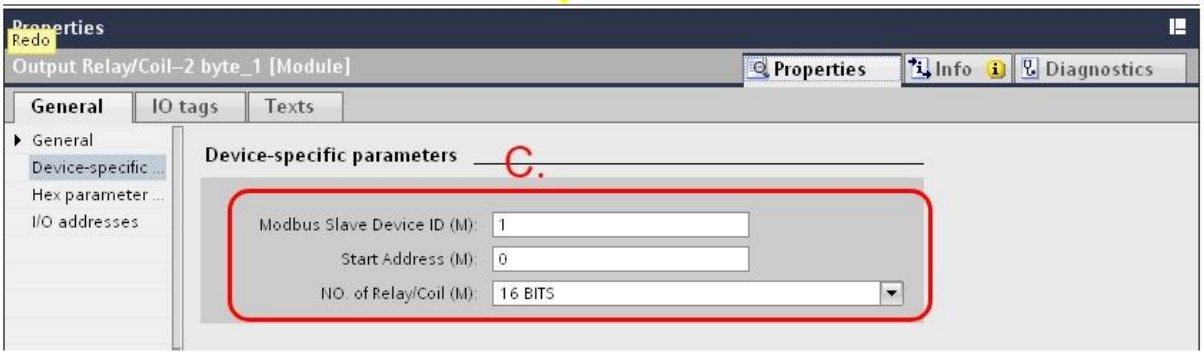
16. (A) Click “PROFIBUS address”
(B) You can set PROFIBUS address of GW-7553 in “PROFIBUS address”



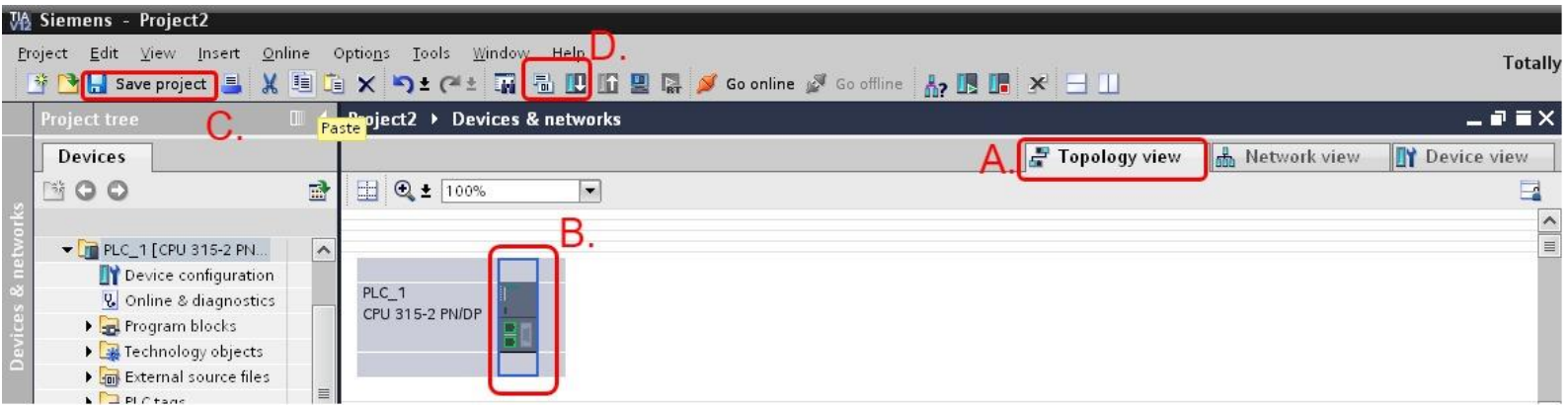


17. (A) Double click “System module” and any IO module which you need.
(B) Click the IO module and “Properties” and “Device-specific”
(C) You can set the module parameters in “Device-specific parameters”

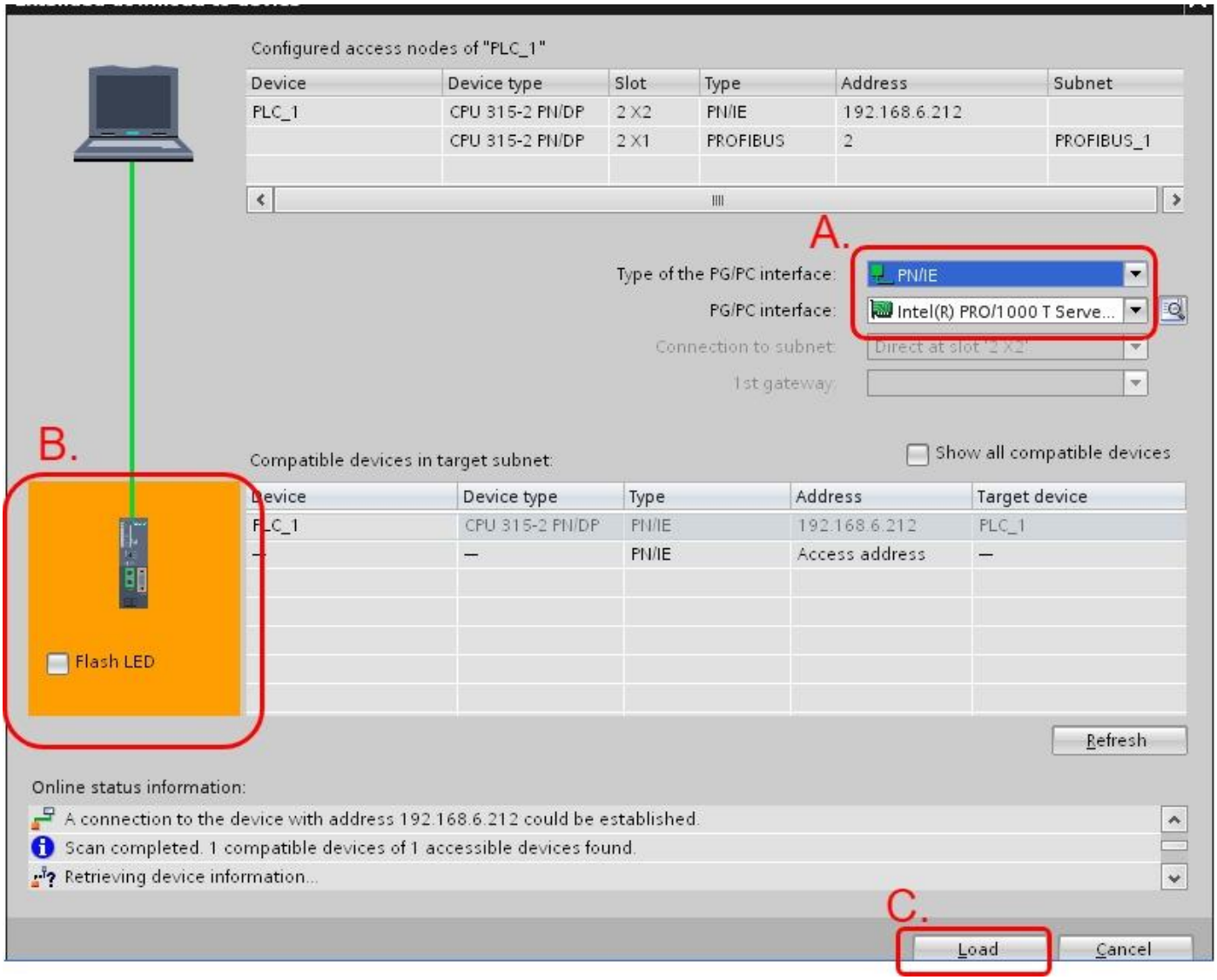




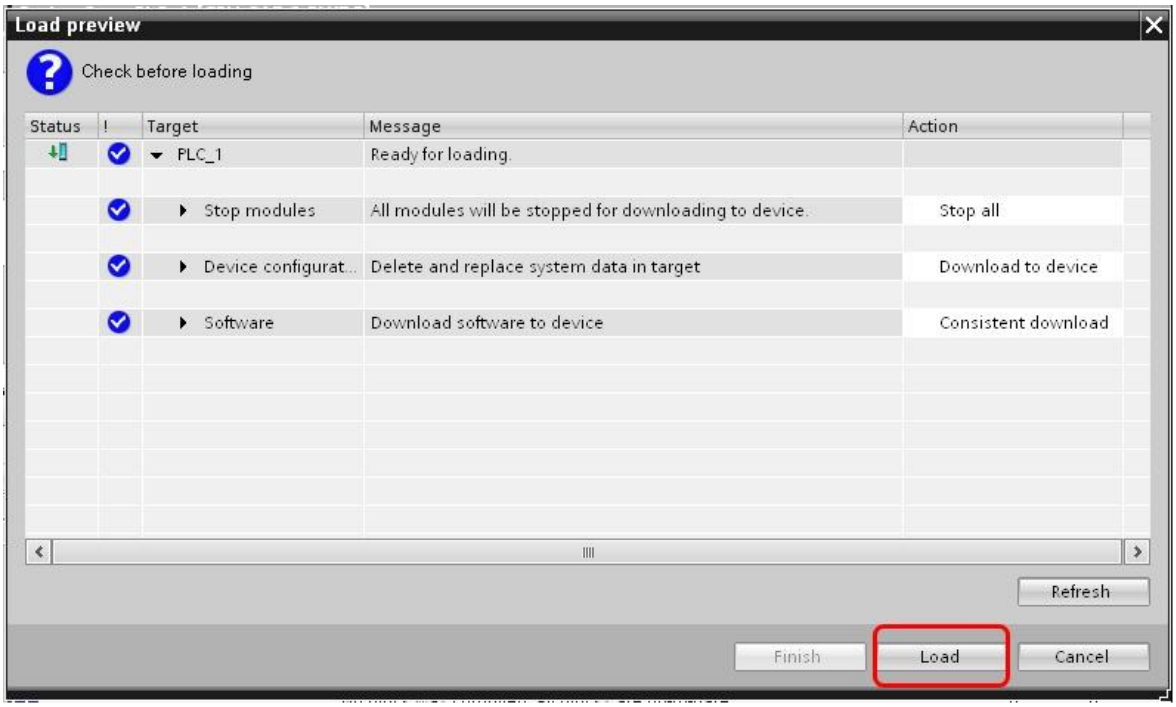
18. (A) Click “Topology view”
(B) Click your PLC
(C) Click “Save project”
(D) Click “compile” and “Download to Device”



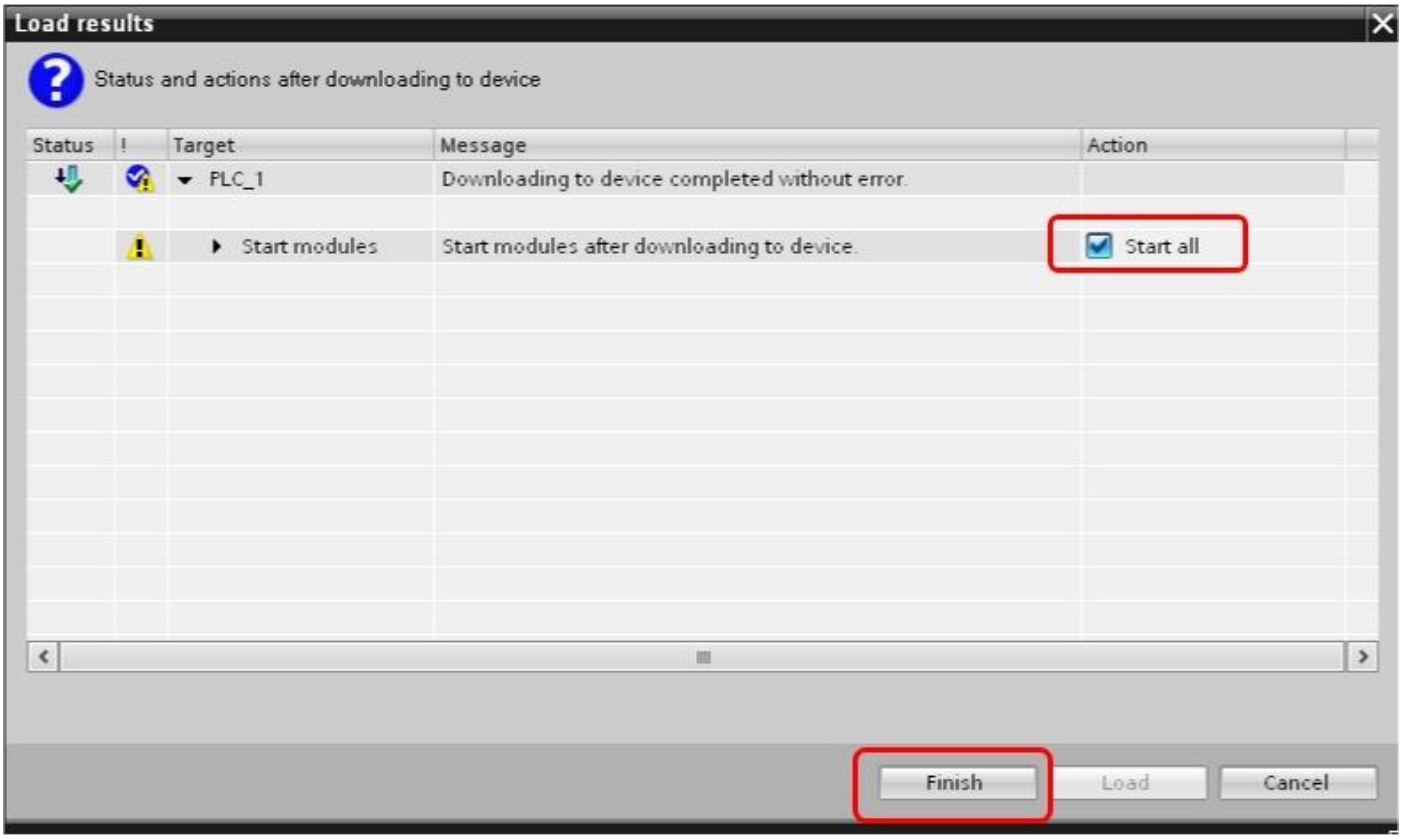
19. (A) Select your PG/PC interface
(B) If PC connects PLC successful,the background will be orange
(C) Click “Load”



20. Click “Load”



21. Tick “Start all” and click “Finish”



22. (A) Click ”Go online”
(B)Click “Start CPU”

