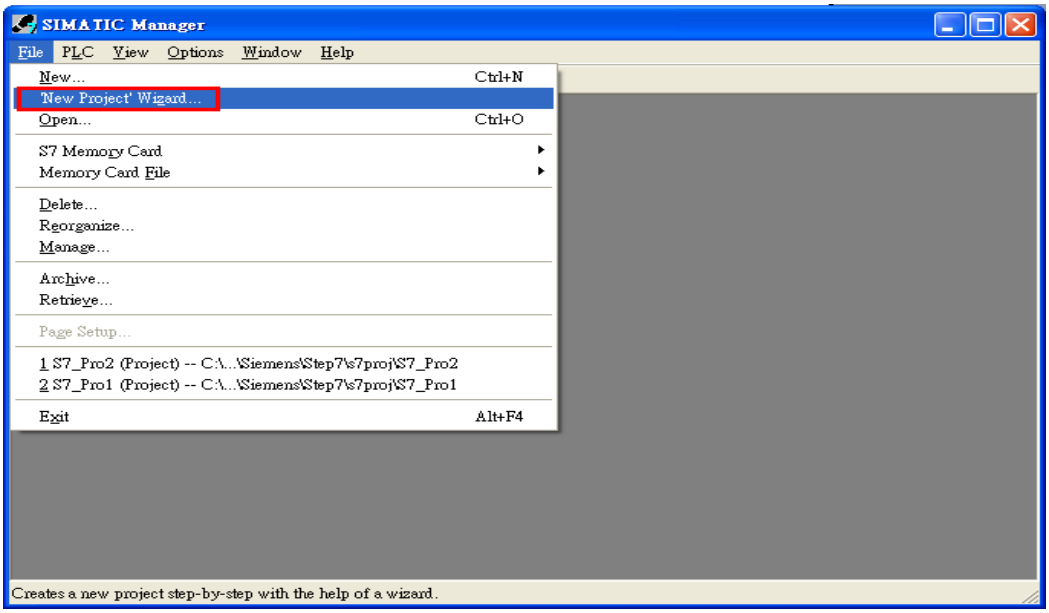
I-7550E and SIMATIC STEP 7 Configurations

1. Double Click “SIMATIC Manager” icon to open “SIMATIC Manager”

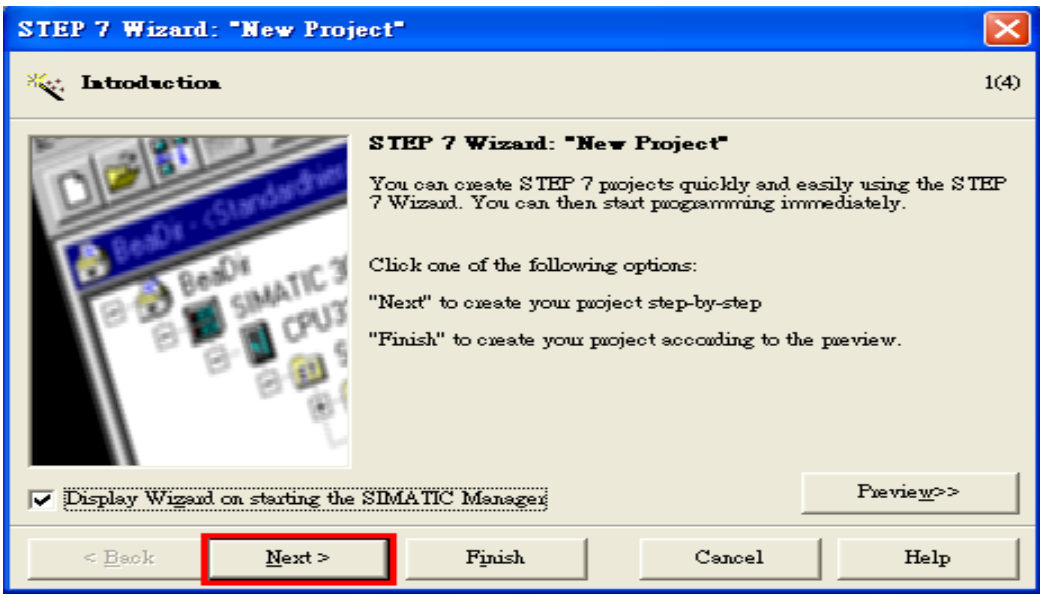


2. Open “ New Project Wizard “



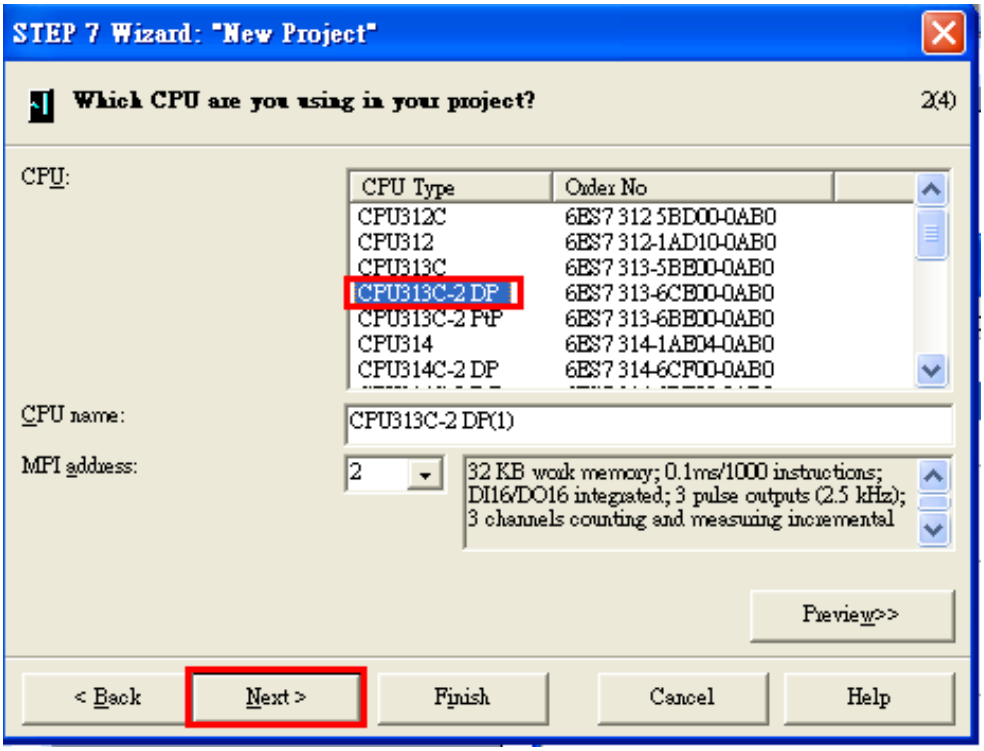
3. Set up Project

a. Click”Next”

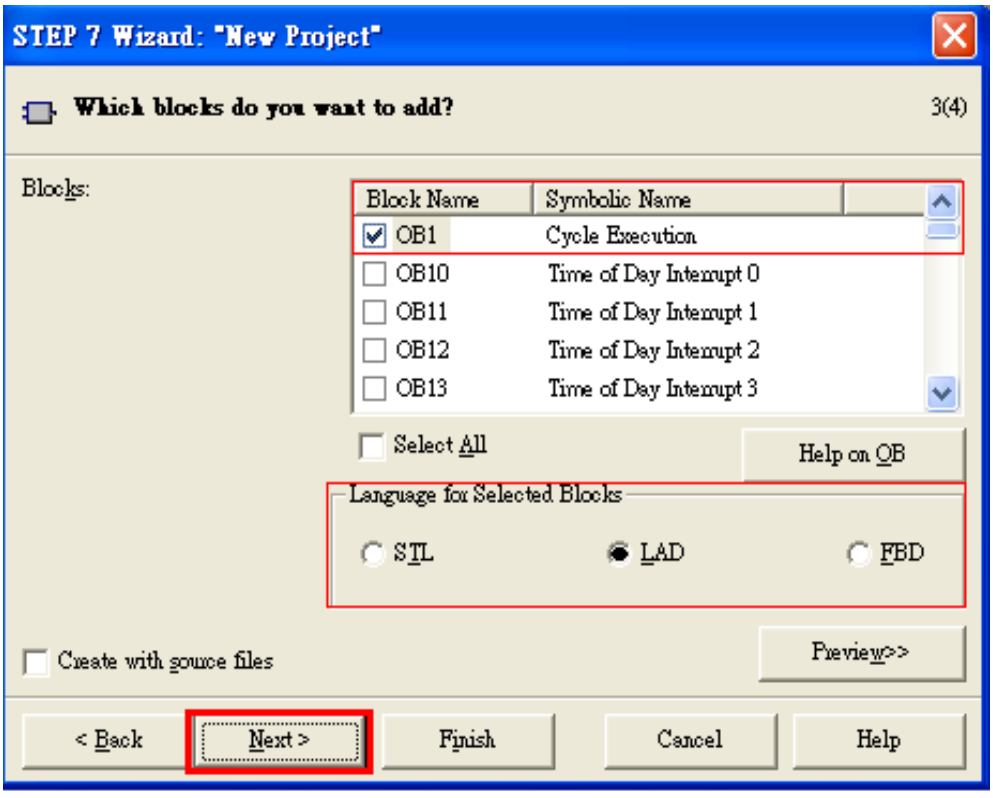


Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

b. Select CPU type then click ”Next”

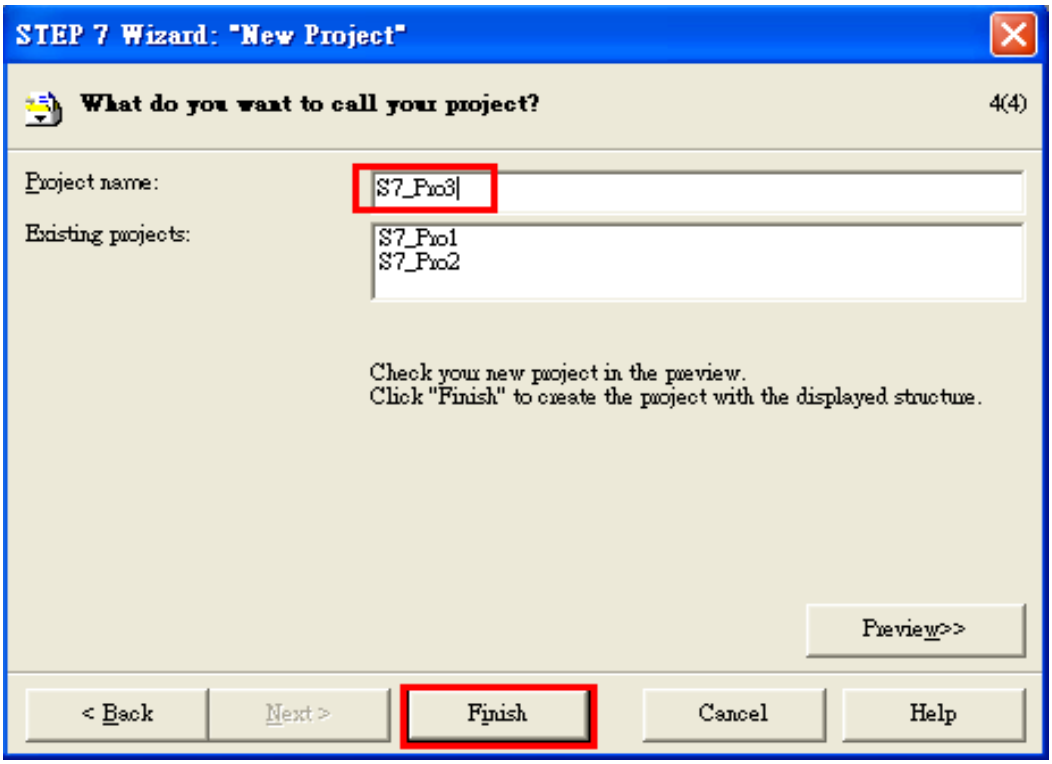


c. Select Blocks and Language for Selected Blocks then click ”Next”

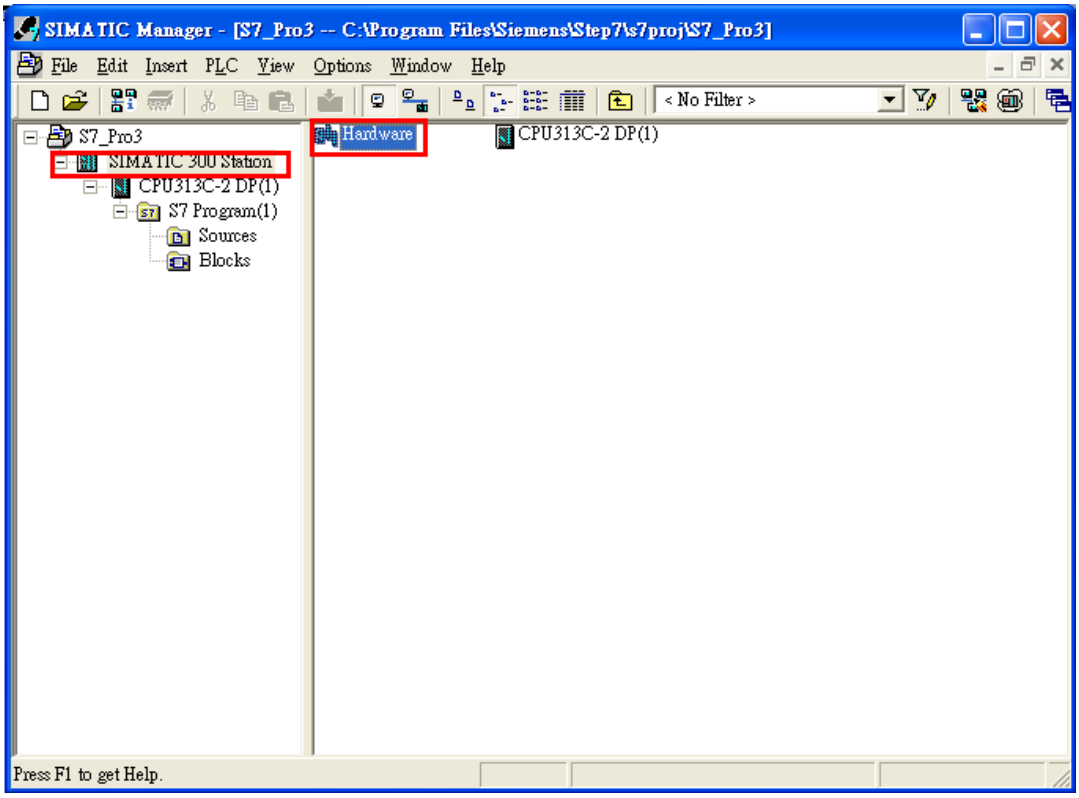


Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

d. Set project name then click”Finish”



4. Double click “Hardware” to open “HW Config”

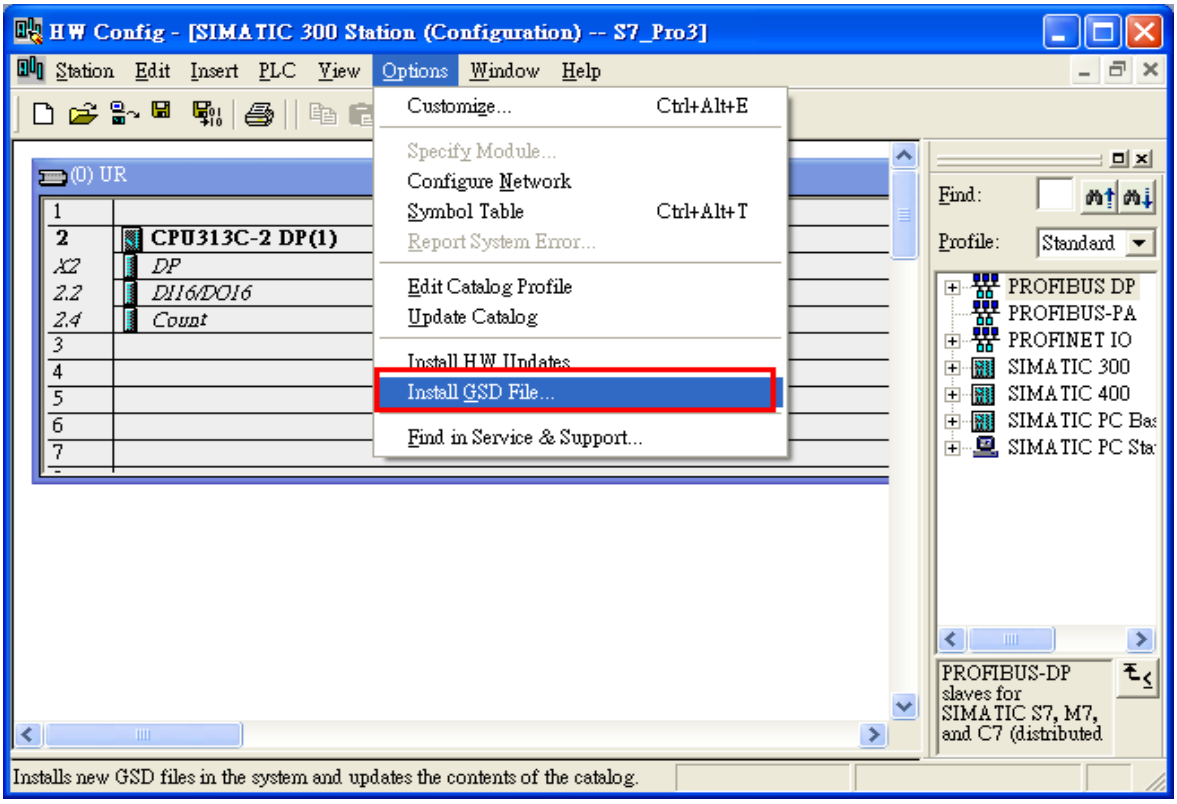


LRI Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

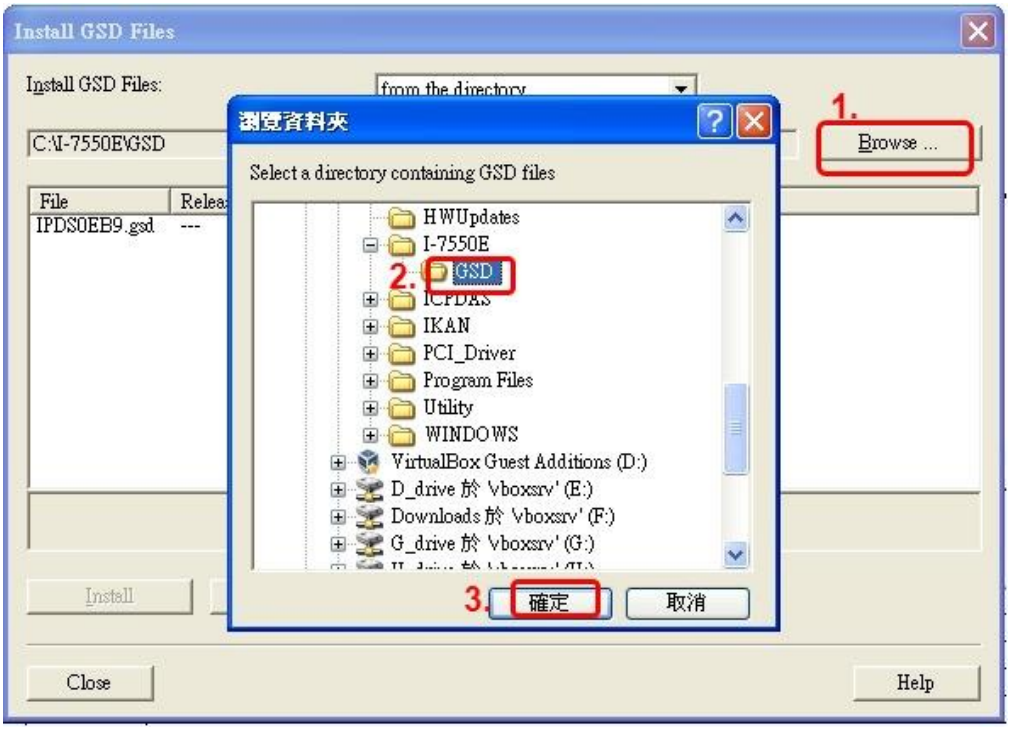
5. Install I-7550E GSD File

http://ftp.icpdas.com/pub/cd/fieldbus_cd/profibus/converter/I-7550E/

a. Click “Install GSD File”

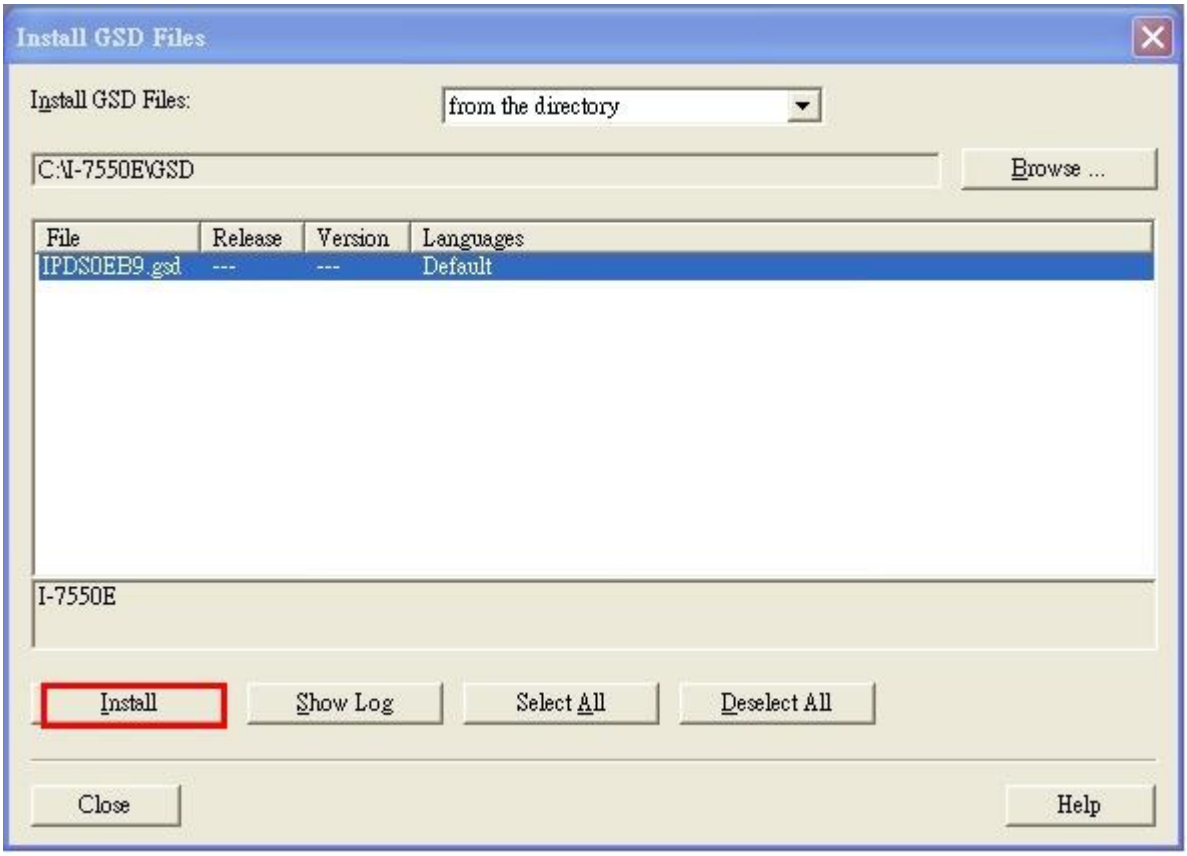


b. Select the directory of I-7550E’s GSD file(IPDS0EB9.gsd) and click “OK”

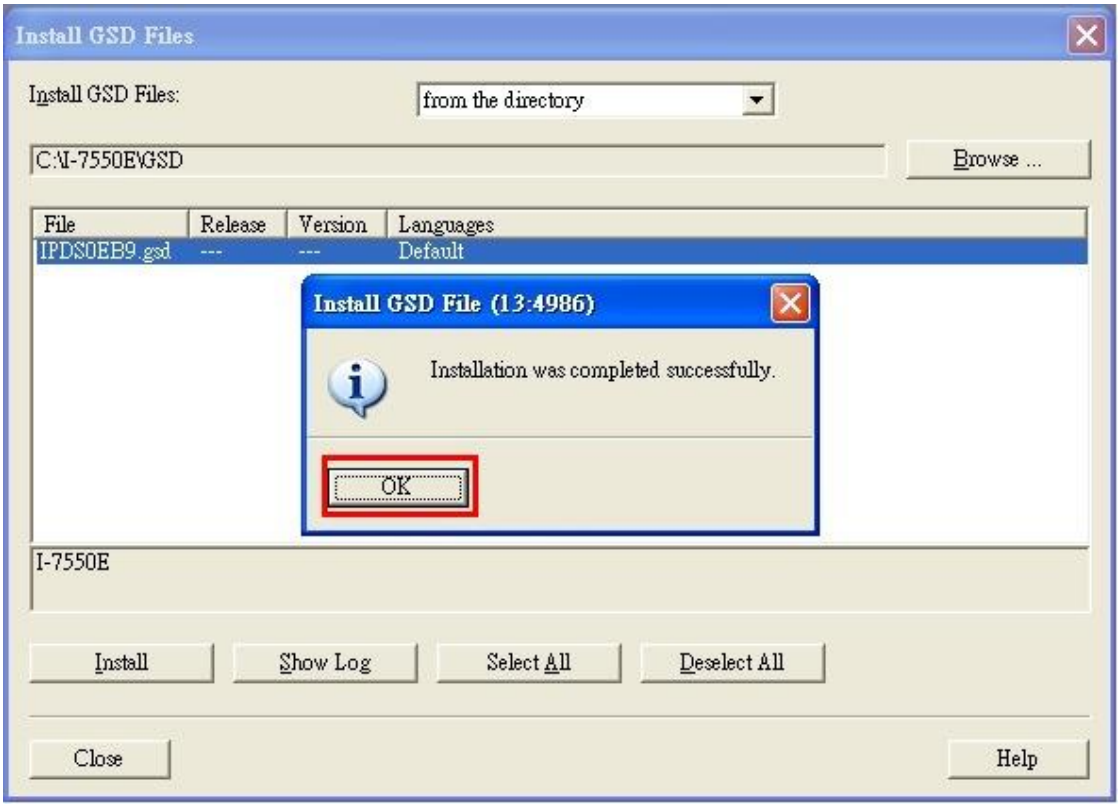


LRI Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

c. Click “Install”

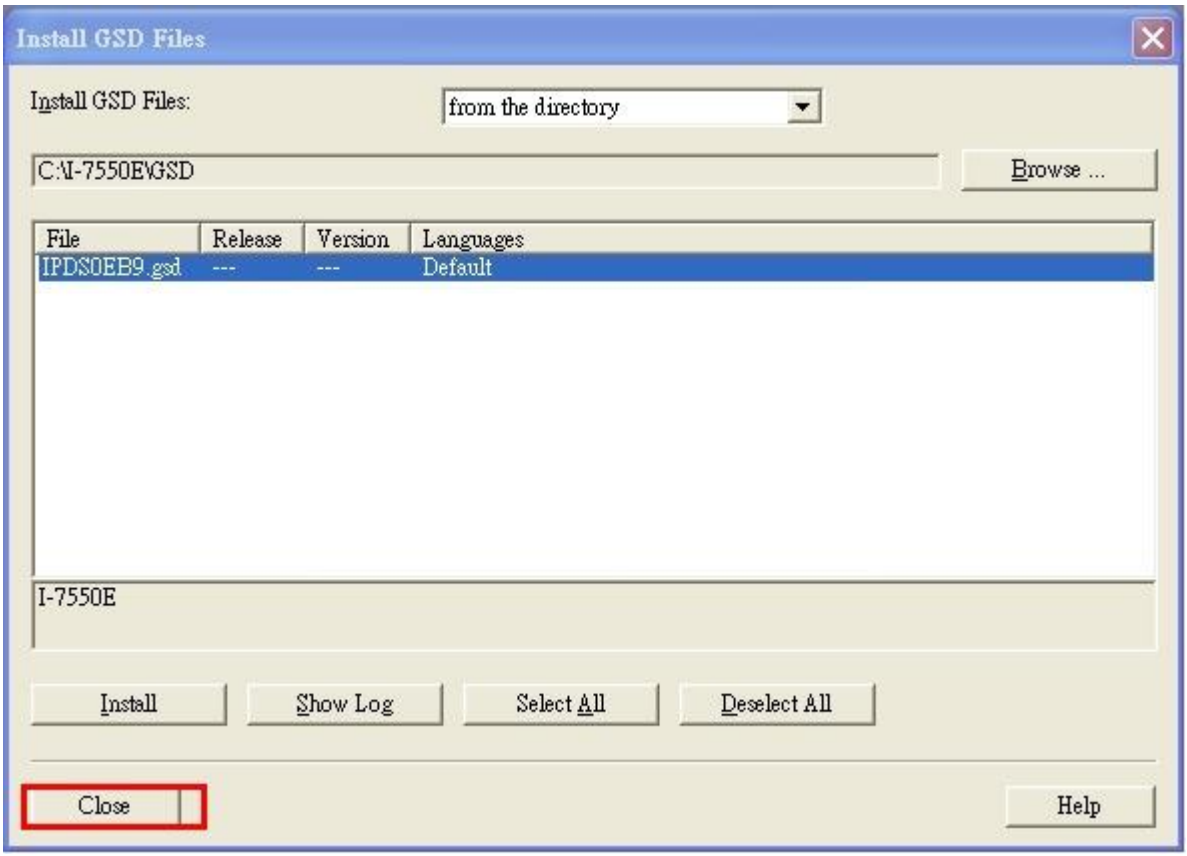


d. Click”OK”

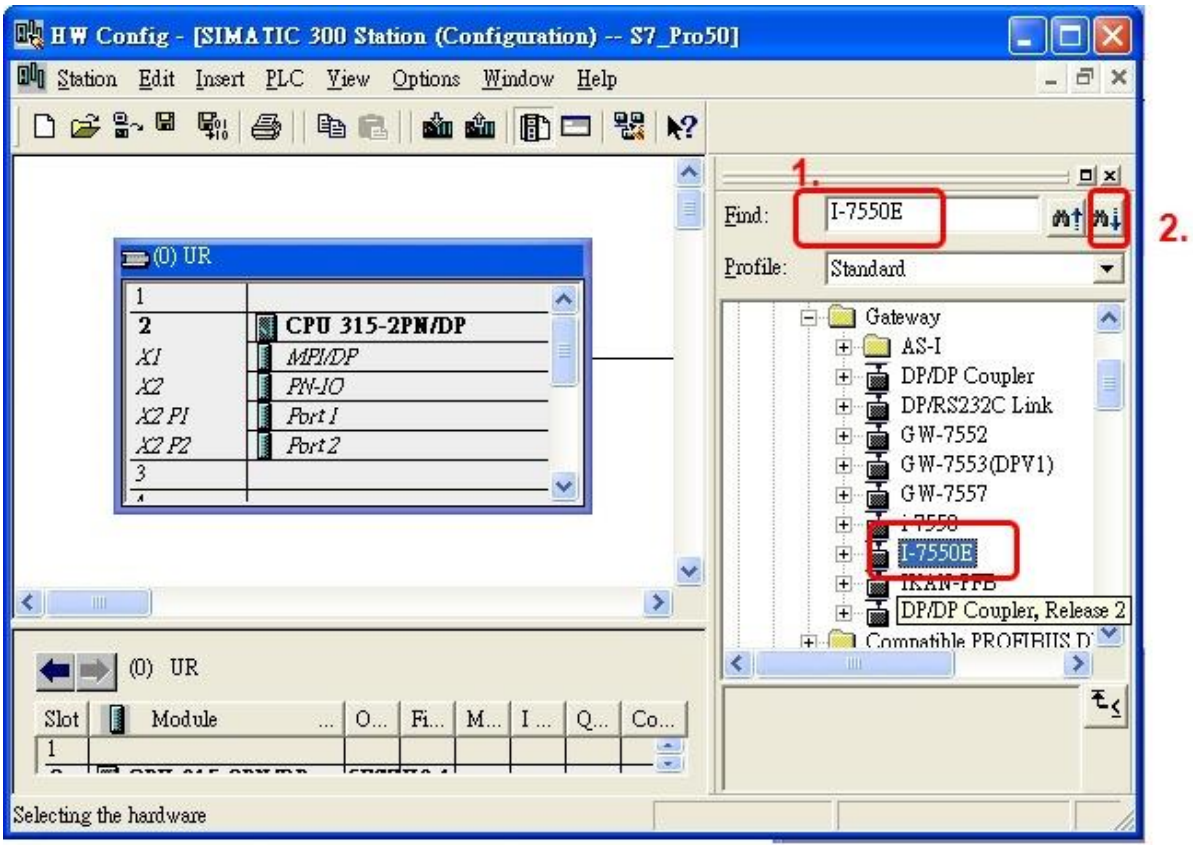


LRI Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

e. Click “Close”

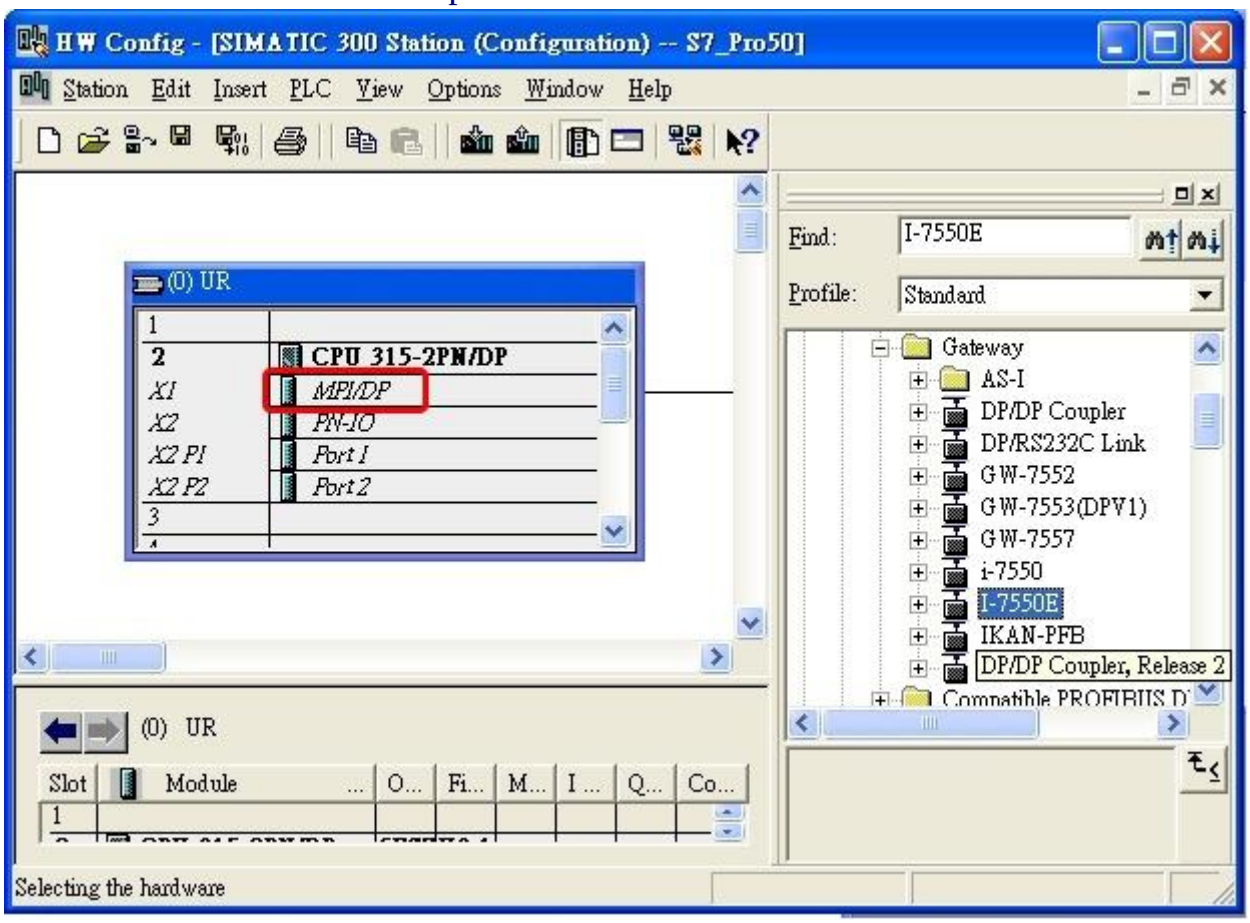


f. Confirm I-7550E’s GSD file is available



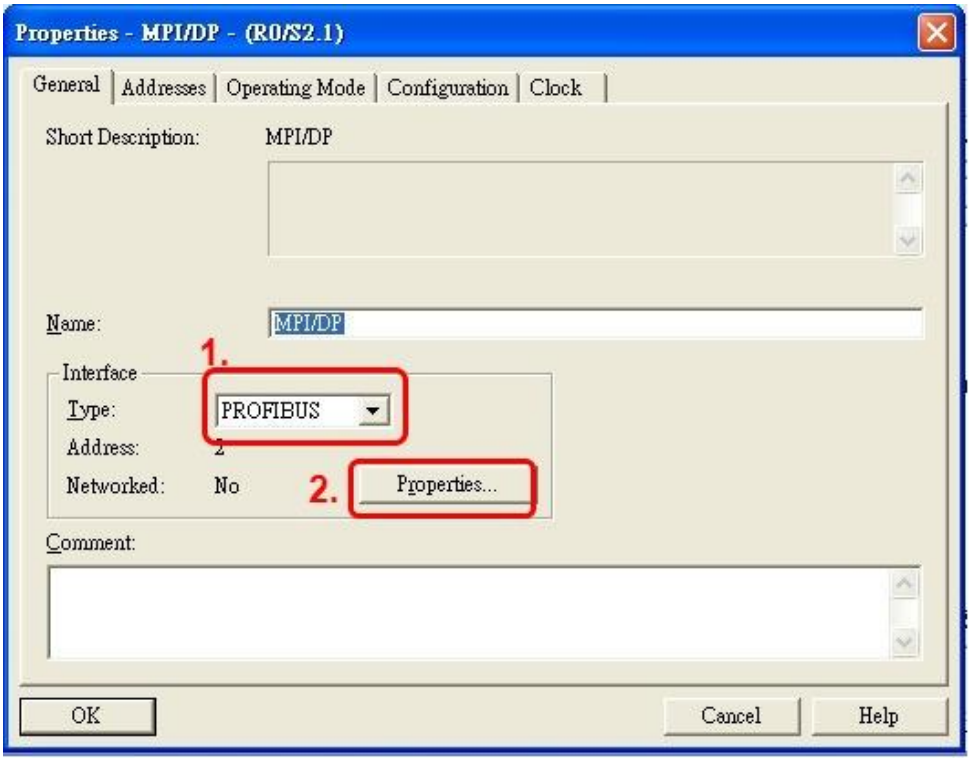
LRI Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

6. Double click PROFIBUS DP port of PLC



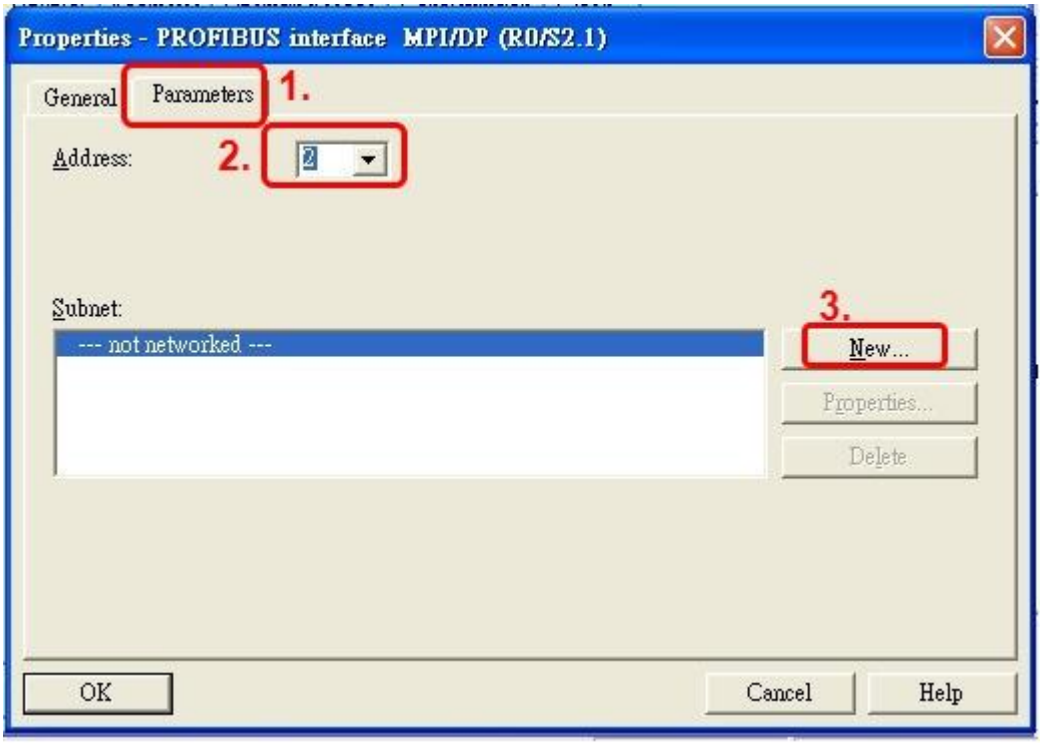
7. Add PROFIBUS subnet

a. Select “PROFIBUS” and then click “Properties”.

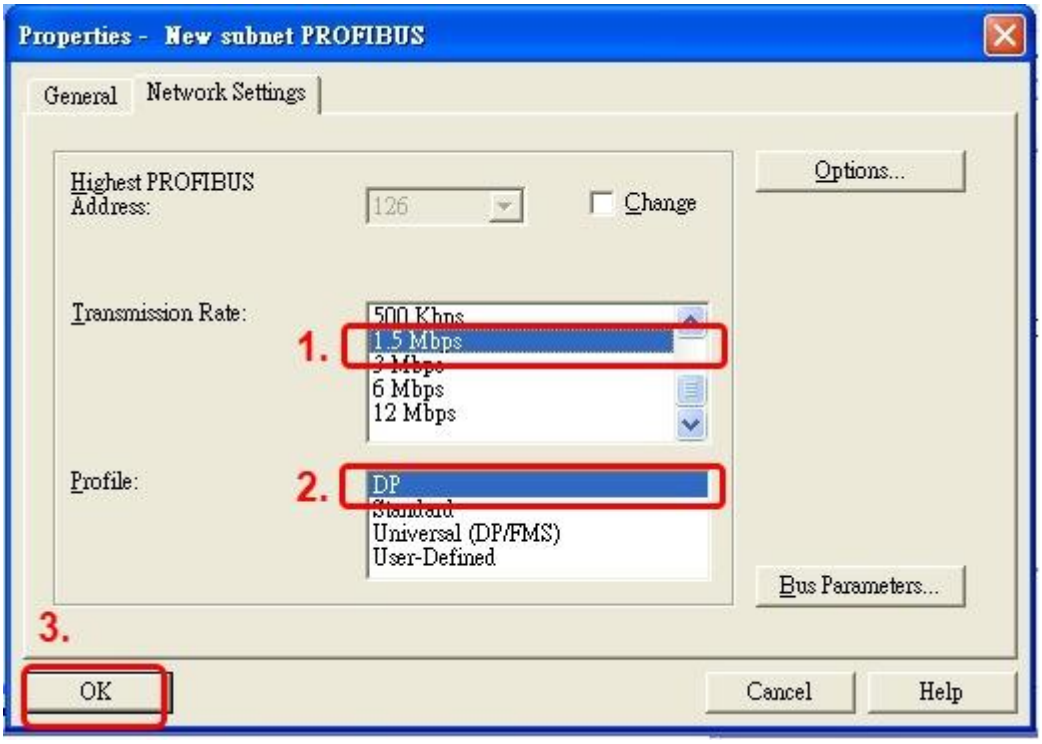


LRI Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

b. Click “Parameters”, and set mater station’s address, and then click ”New”

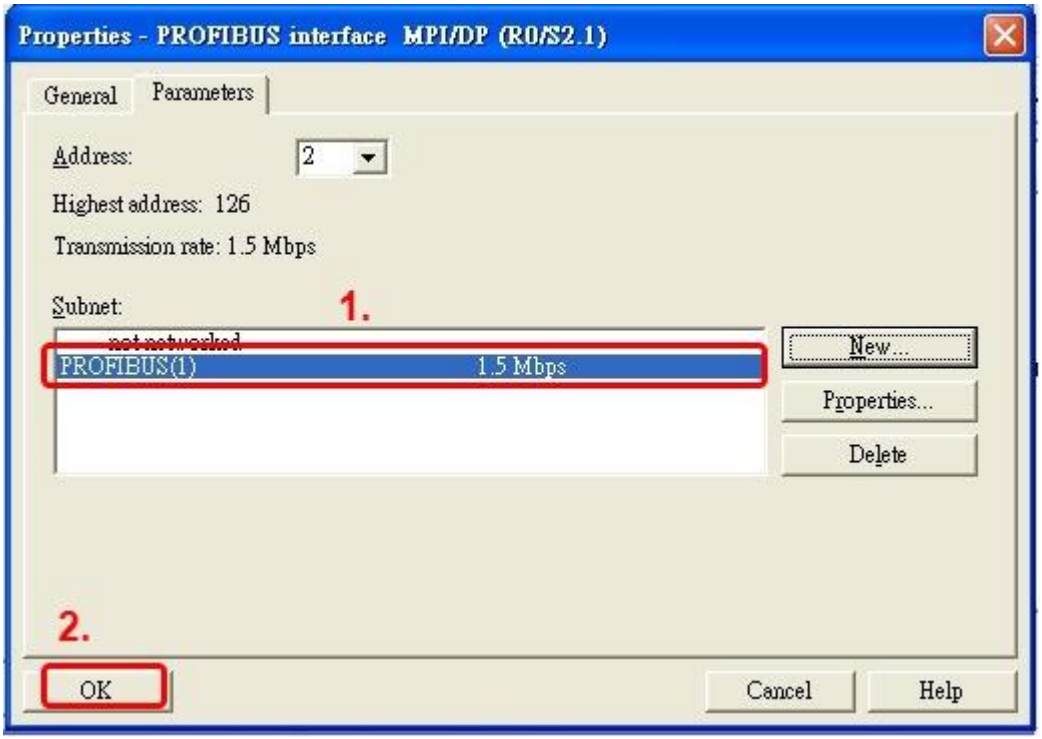


c. Select PROFIBUS Transmission Rate, Profile=DP and click”OK”

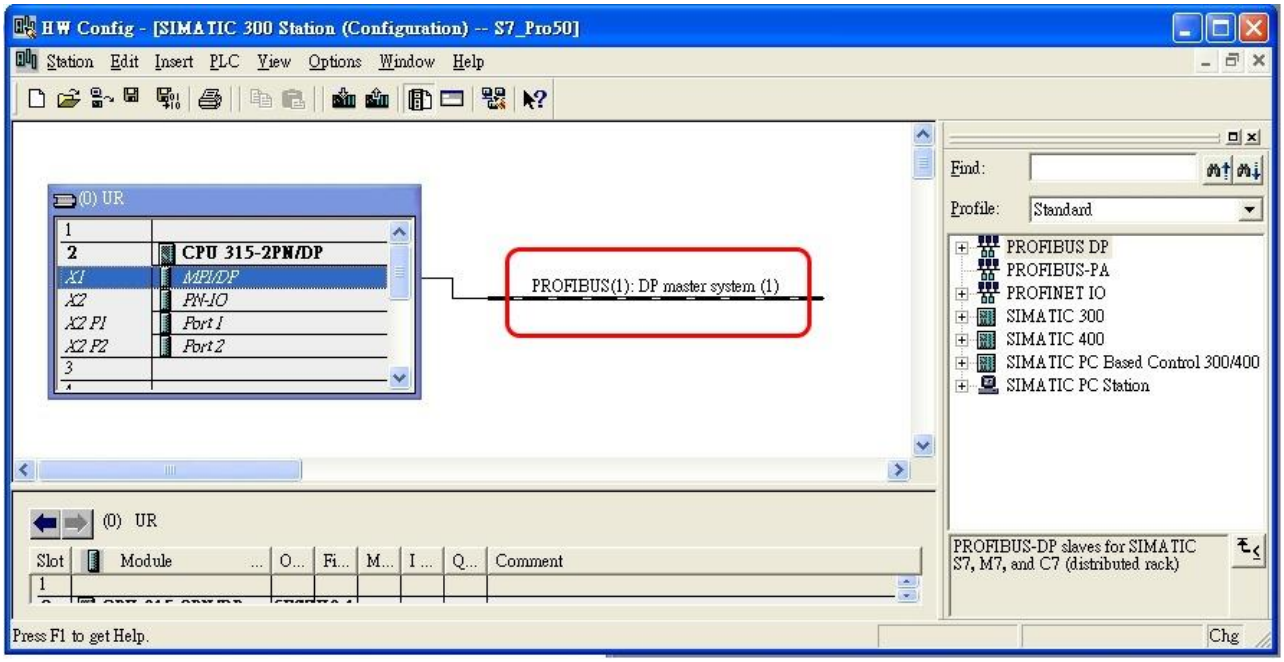


Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

d. Select PROFIBUS subnet and then click ”OK”.



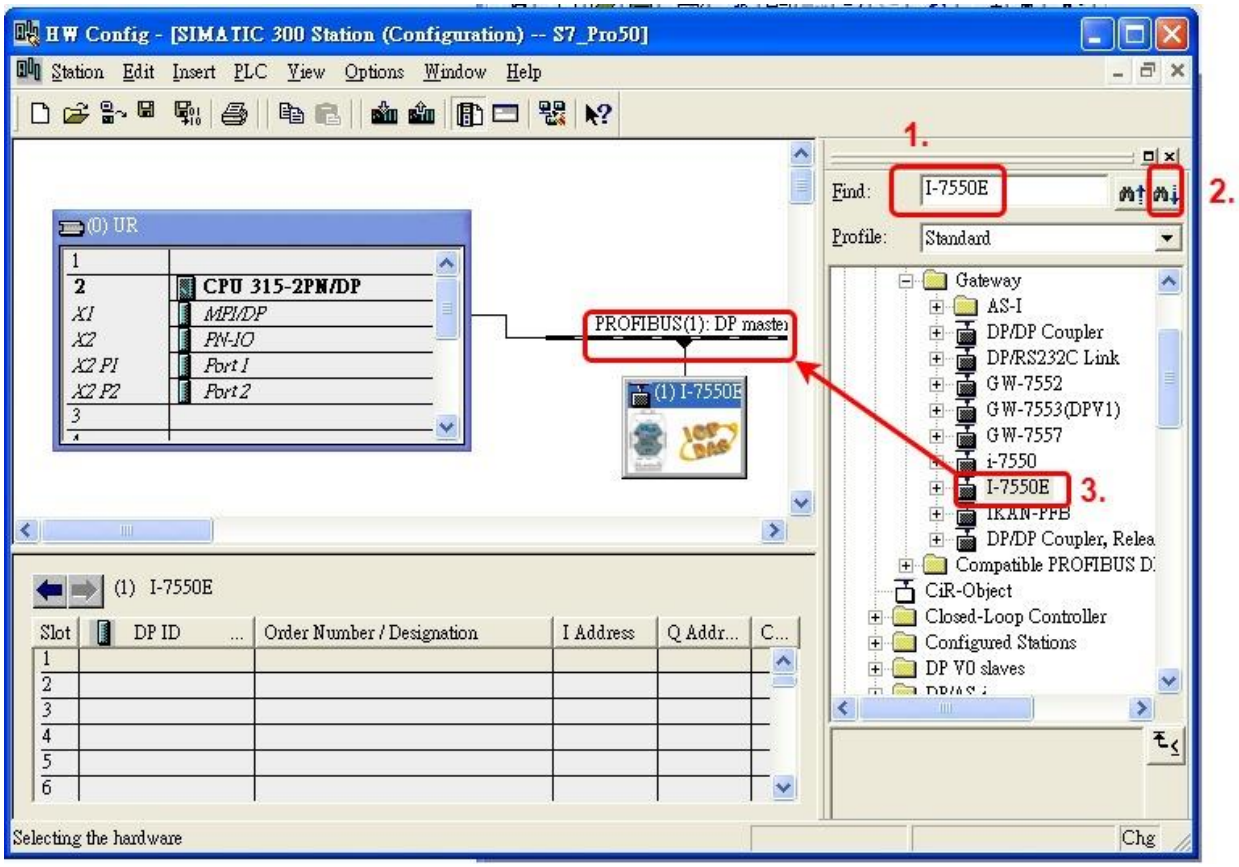
e. Confirm PROFIBUS subnet is available.



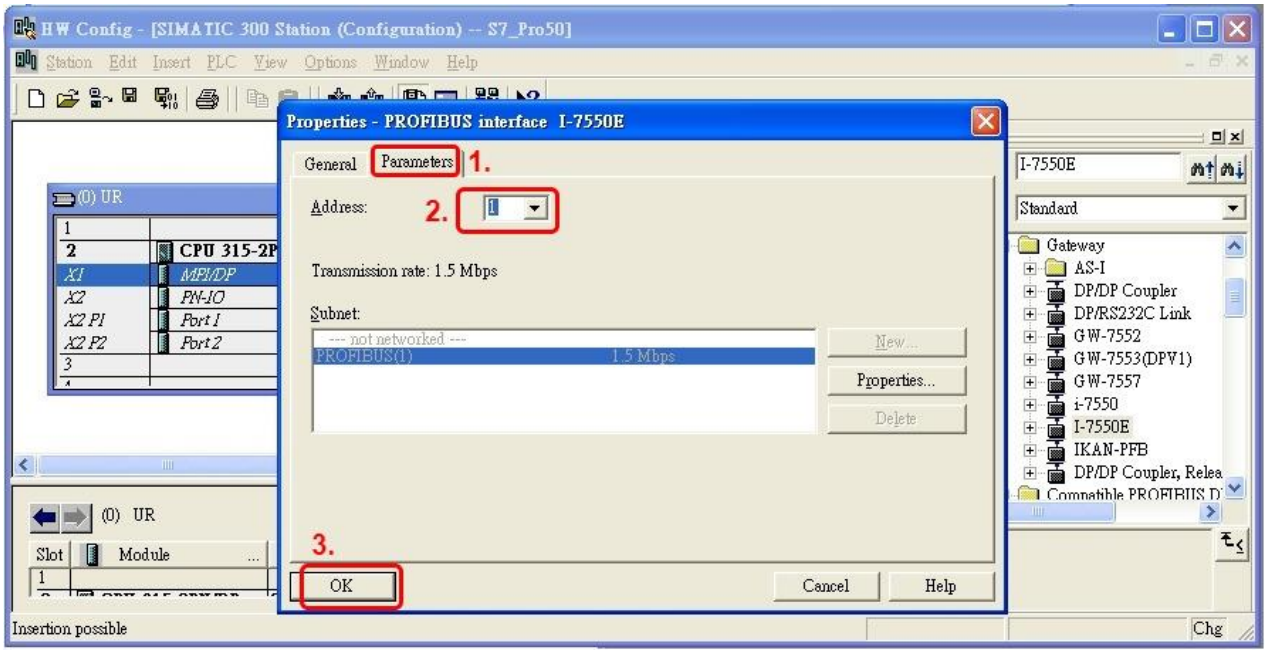
LRI Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

8. Add I-7550E

a. Search I-7550E module. Then hold down the I-7550E's icon, and move the mouse to PROFIBUS subnet.

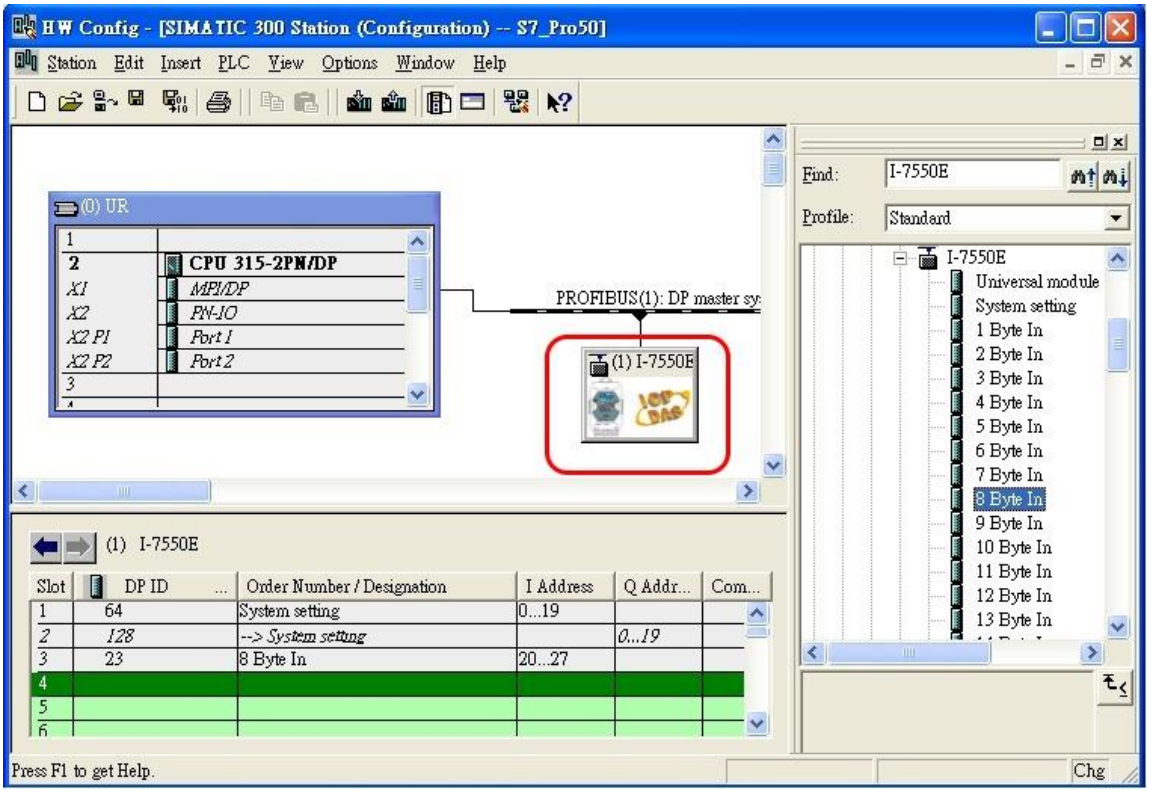


b. Select "Parameter" , and double click I-7550E's icon then set I-7550E's address in the "Properties" dialog (this address must be the same with dip switch of the I-7550E module and default is "1") then click "OK"



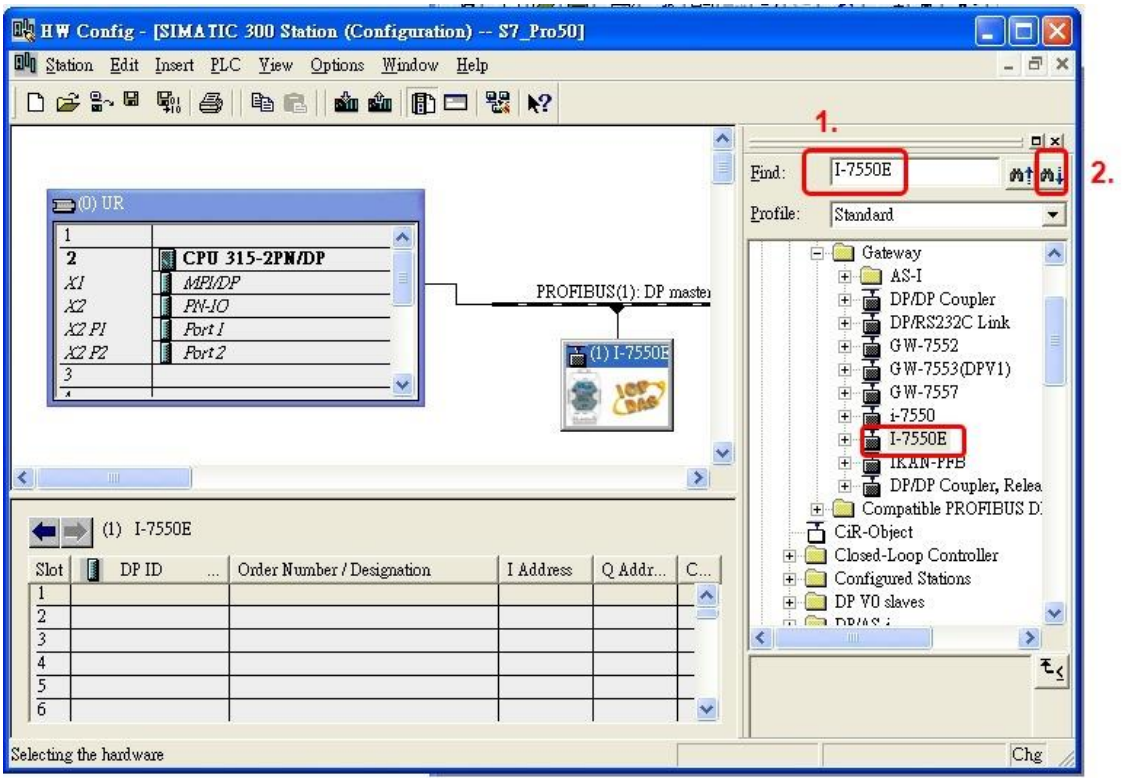
LRI Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

c. I-7550E adds completely



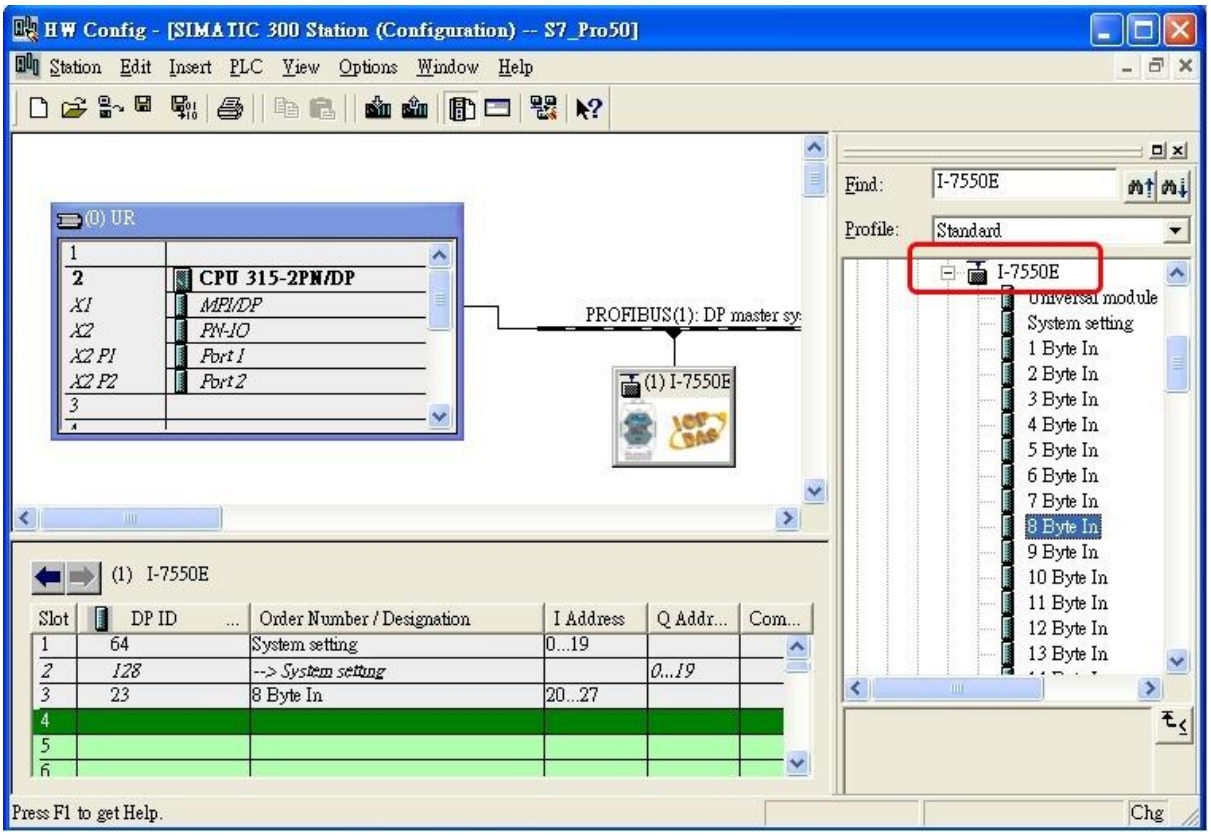
9. I-7550E module configuration

a. Search for I-7550E module

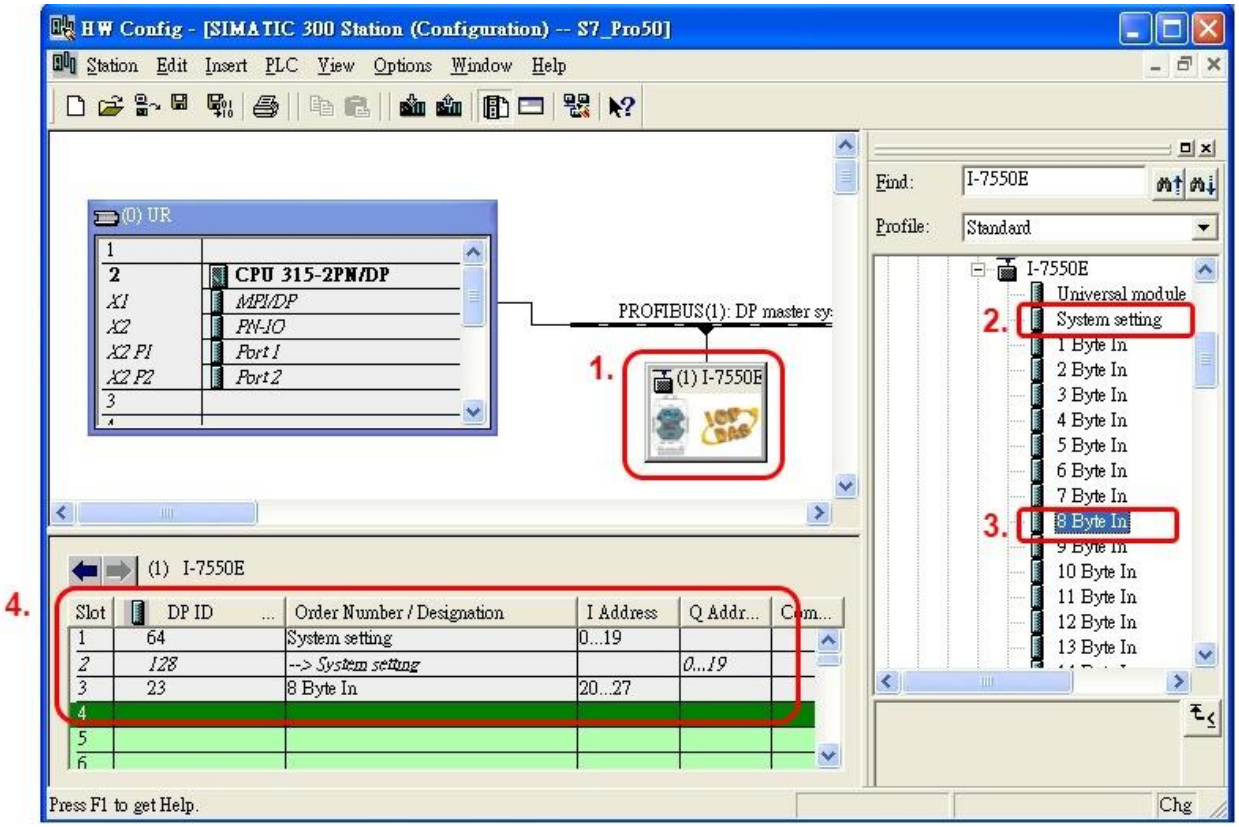


LRI Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

b. Open I-7550E folder

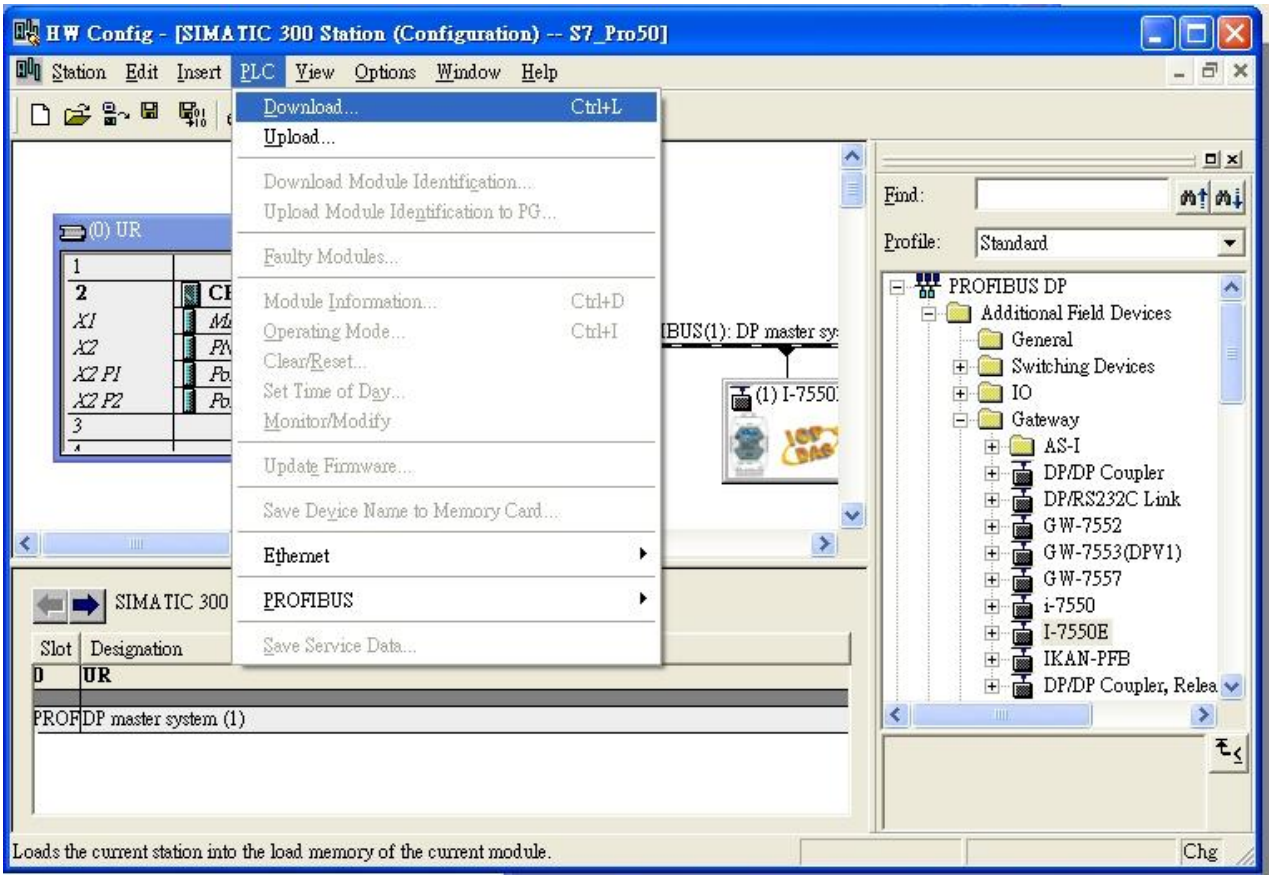


c. Click I-7550E module and double click “System setting module” and select the IO modules that you need (ex: 8 Byte In).



Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000

10. You have completed I-7550E's configuration and you just need to download the configuration to Siemens PLC。



LRI Distribuída no Brasil pela LRI | vendas@lri.com.br | 51 2129-3000