# CONNECTION

## 1 Install GSDML files

**This product uses the standard GSDML file the same as other standard Profinet products. Before configuring the product, you need install the GSDML file.**
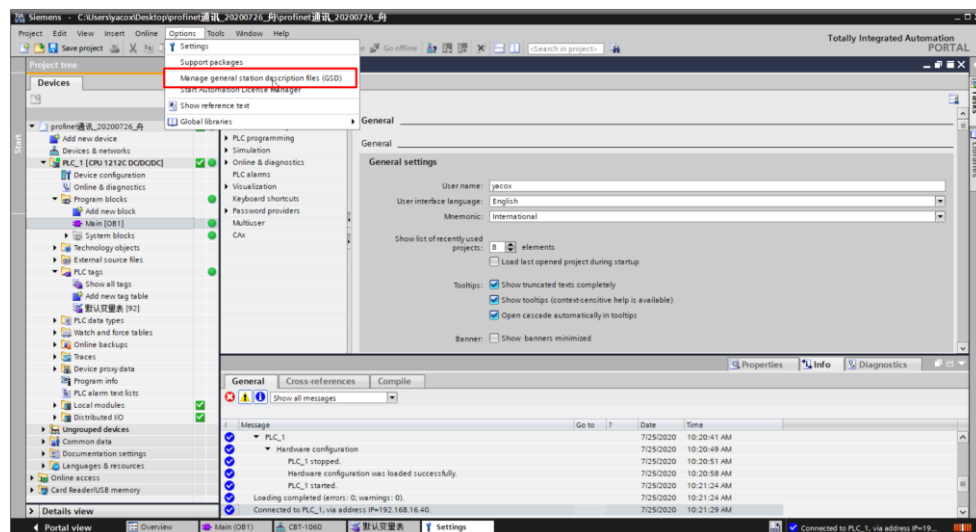


**Figure1 install GSDML files**

## 2 Set correct IP address and PROFINET device name

**you need change the CBT-1060 hardware IP address and the configuration property IP address and PROFINET device name settings in this project.**
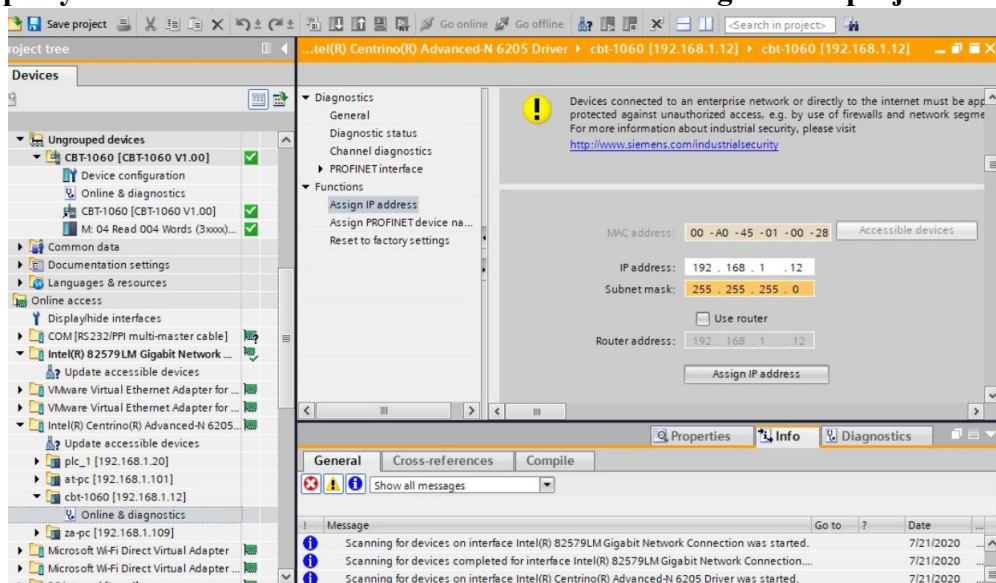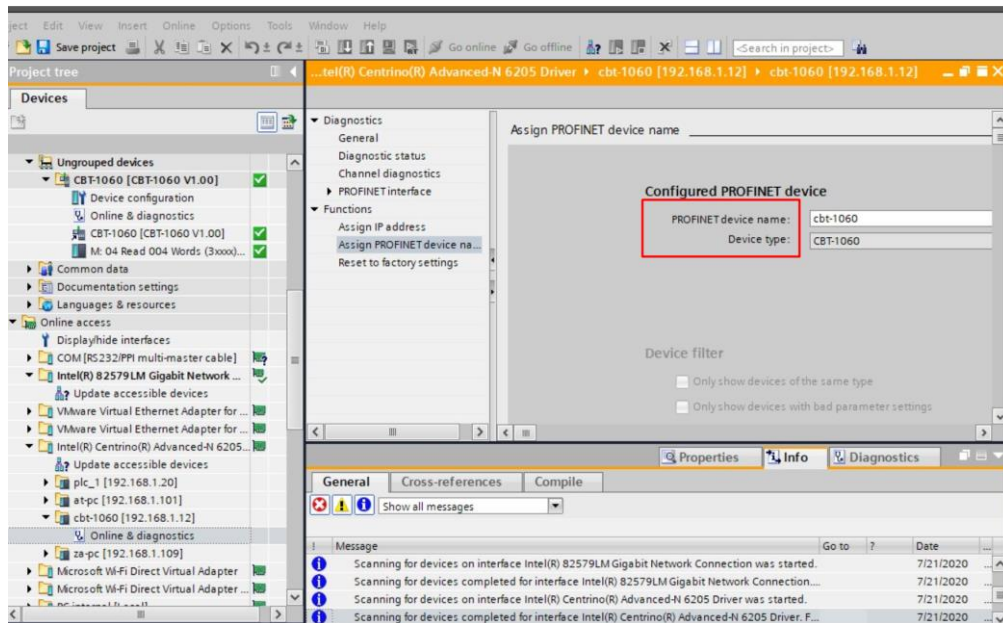
**Figure2 SET The IP address**



**Figure 3 Change device name**
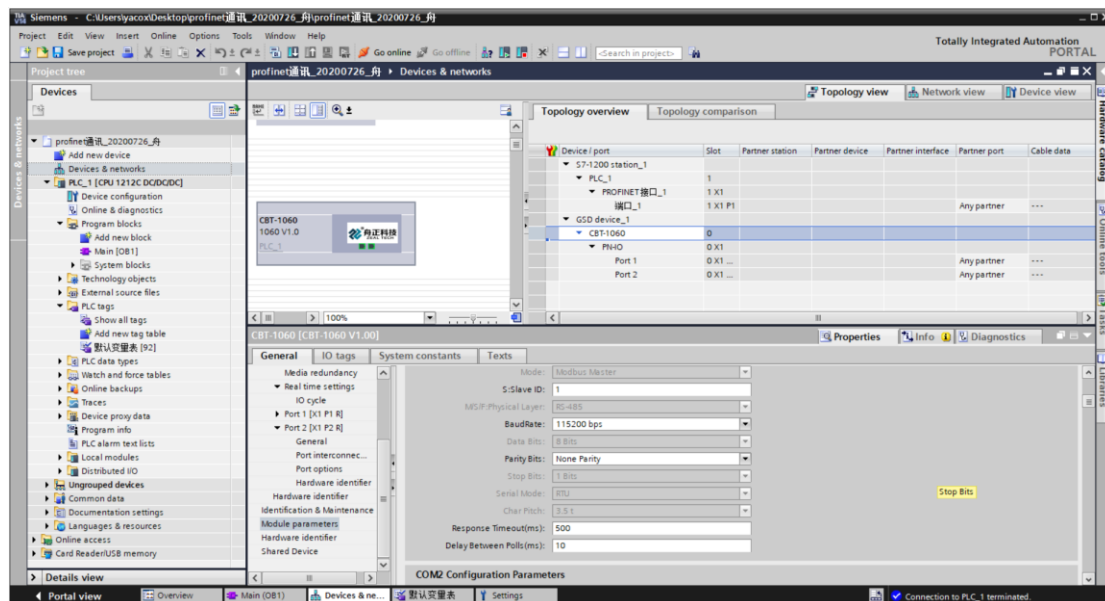
# 3 Building modbus communication



**Figure 4 Building modbus communication**

**The Gripper Default Communication Parameters are as follows:**

Slave Address ： 1

Baud Rate ： 115200

Data Bits ： 8 bits

Stop Bits ： 1 stop bit

Parity                ： None

# 4 Insert 06 03 submodule

**When the RS485 port of the CBT-1060 is connected to other MODBUS RTU slave devices, it can be inserted into the sub-slot of the CBT-1060 device by inserting submodule**
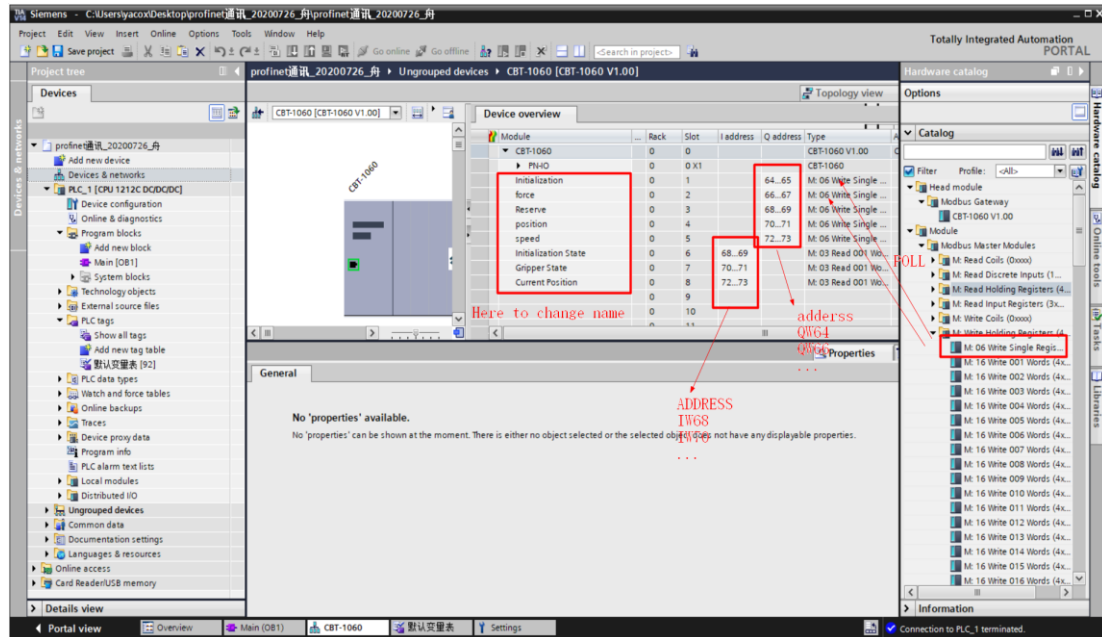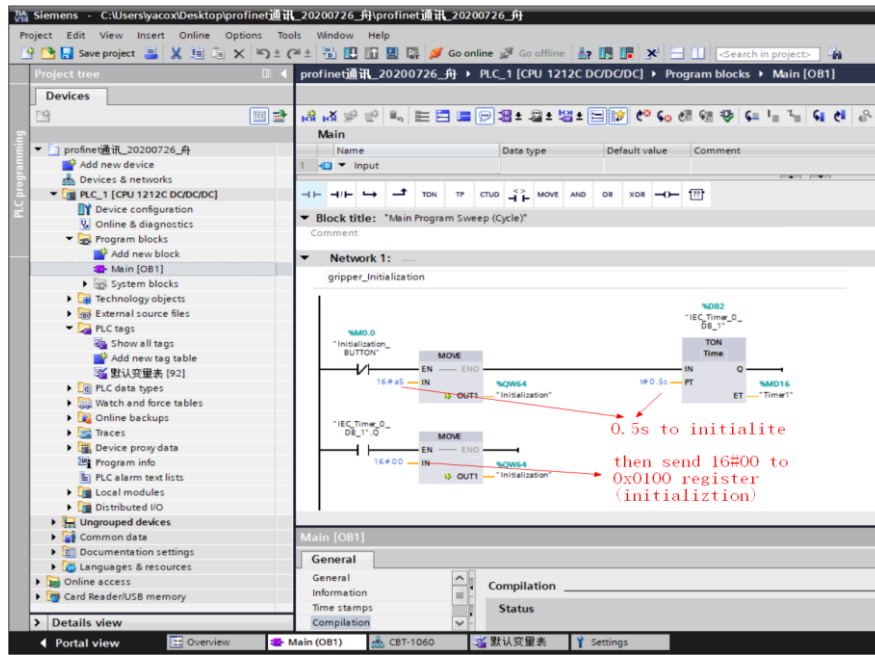


Figure 5 INSERT 06 03 submodule

# 5 Set the address to control gripper

Please pay attention to the profinet module will polling all the time.(06 03 commend)

So when you initialize the gripper , the gripper will be in the process of initialization all the time .You can use a TIMER to avoid this problem:When you send 0x0100 register(initializtion) to A5，then send 00 to 0100 register(initializtion),you can see as follows:
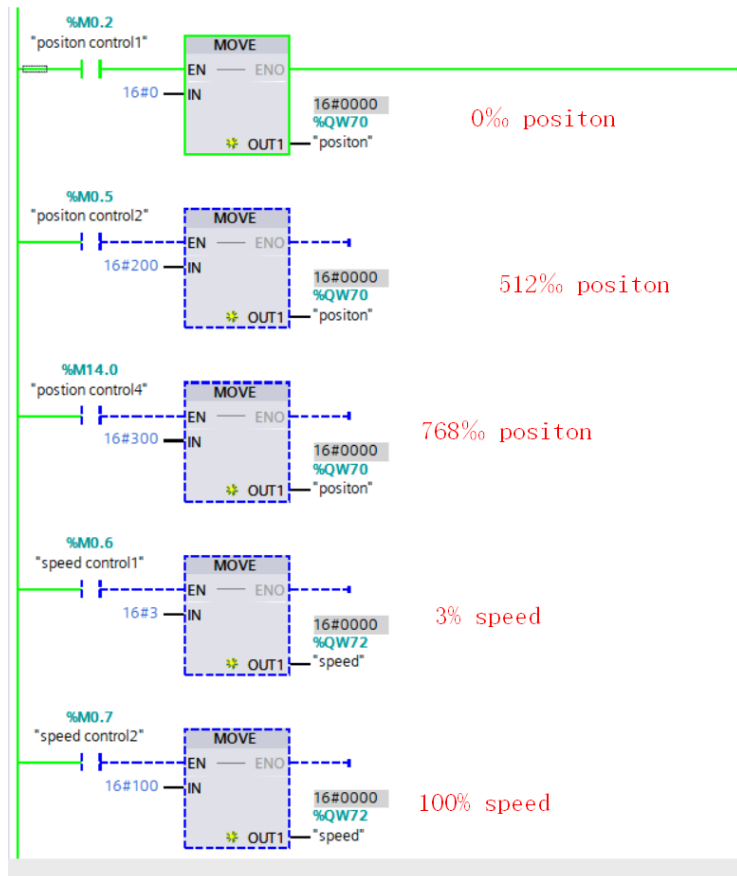
**Figure 2.6 Automatic initialize**



**Figure 6    03 commend to read statement**

**Fiqure 7    06 commend to control gripper**