2250 加热炉程序防止修改方法-赵根海

2250 加热炉程序在线主要是 172 和 150 的电脑，经常出现两个电脑程序离线程序和在线 CPU 不一致的情况从而导致无法在线程序的情况;

现在考虑将 172 或者 150 其中一个电脑进行安全措施防止他人修改程序;

1、 建议一个电脑只打开一个最新的程序，严禁一个电脑打开多个程序;

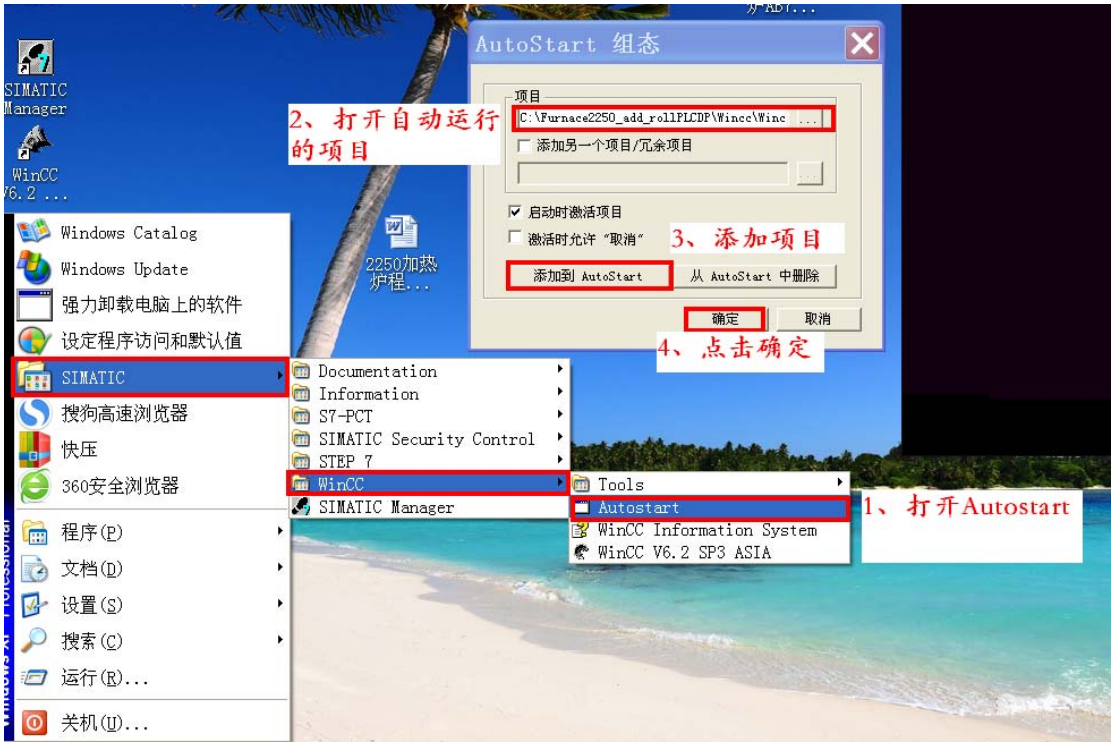
2、 当出现离线和在线 CPU 不一致时，不要轻易点击 YES 按钮; 而是要将离线和在线程序进行对比后一致后方可在线;

注意:CPU 的程序不一定是最新的程序;

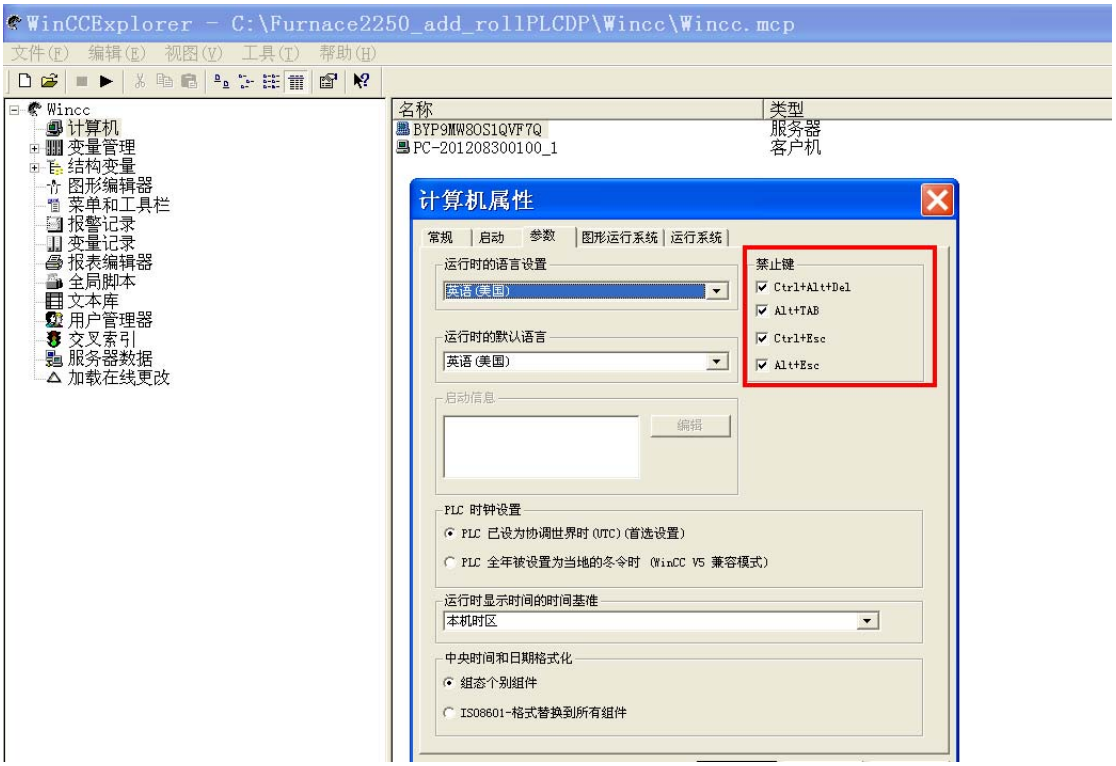
3、 程序修改封点一定要做好记录，程序一定及时备份;

4、 将 172 或者 150 其中一个电脑

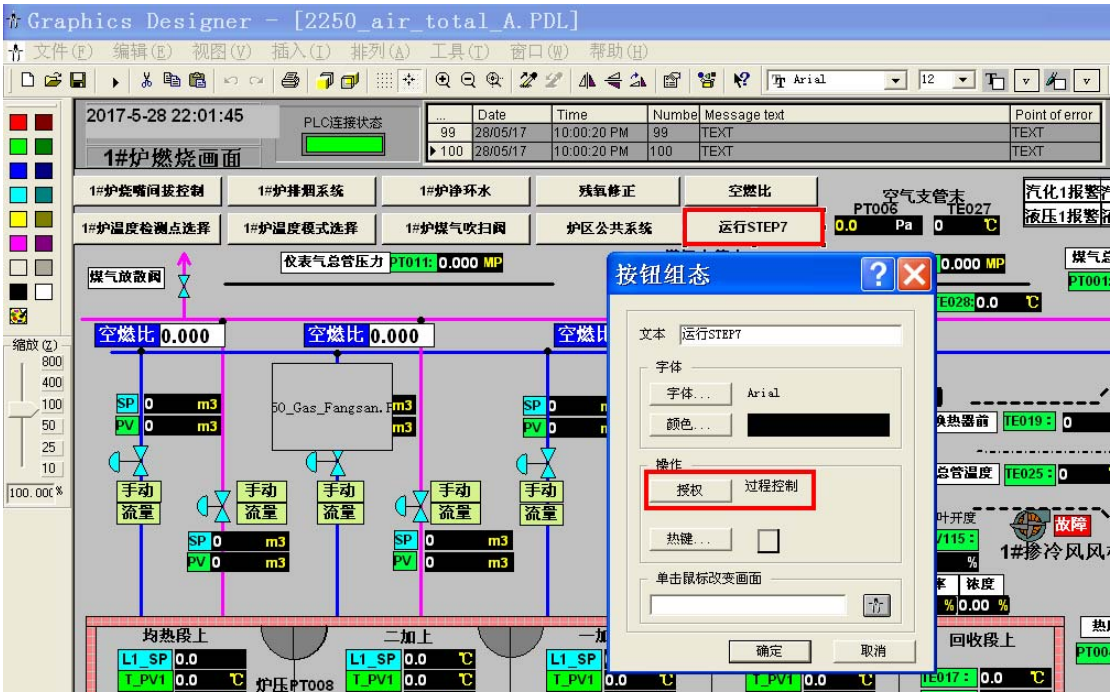
1）WinCC 项目设置为自动运行;

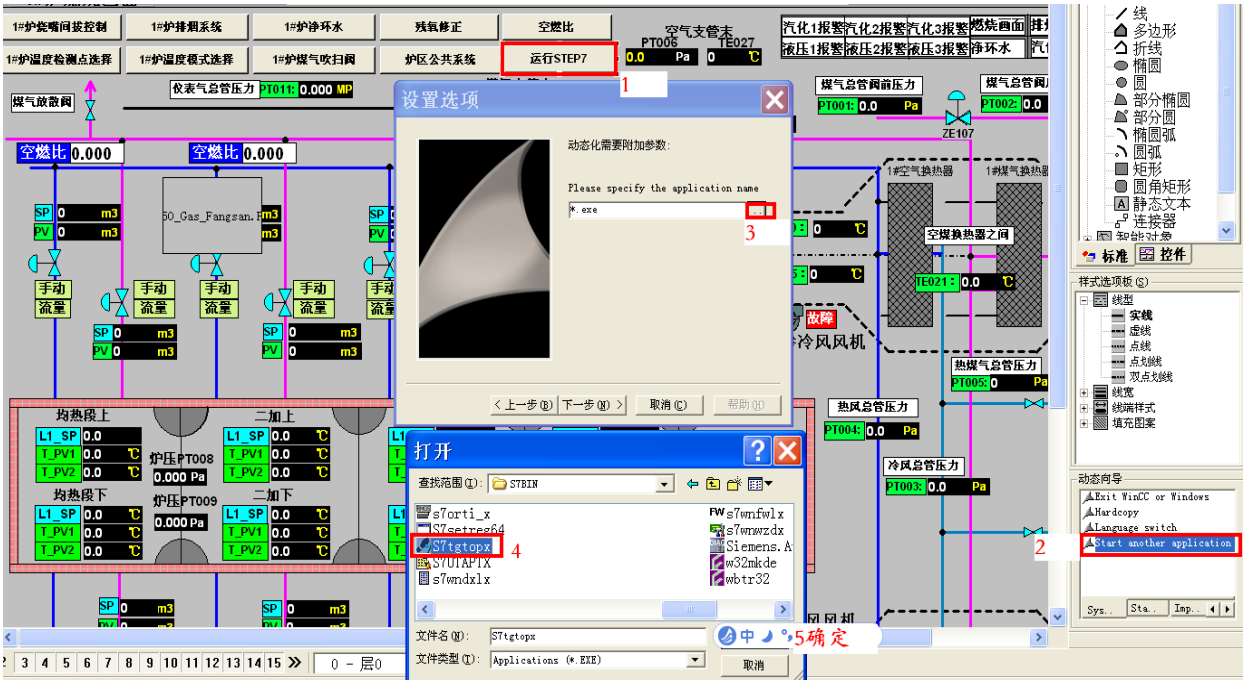


2)禁用 Windows 键; 将相应键前方打钩即可禁用

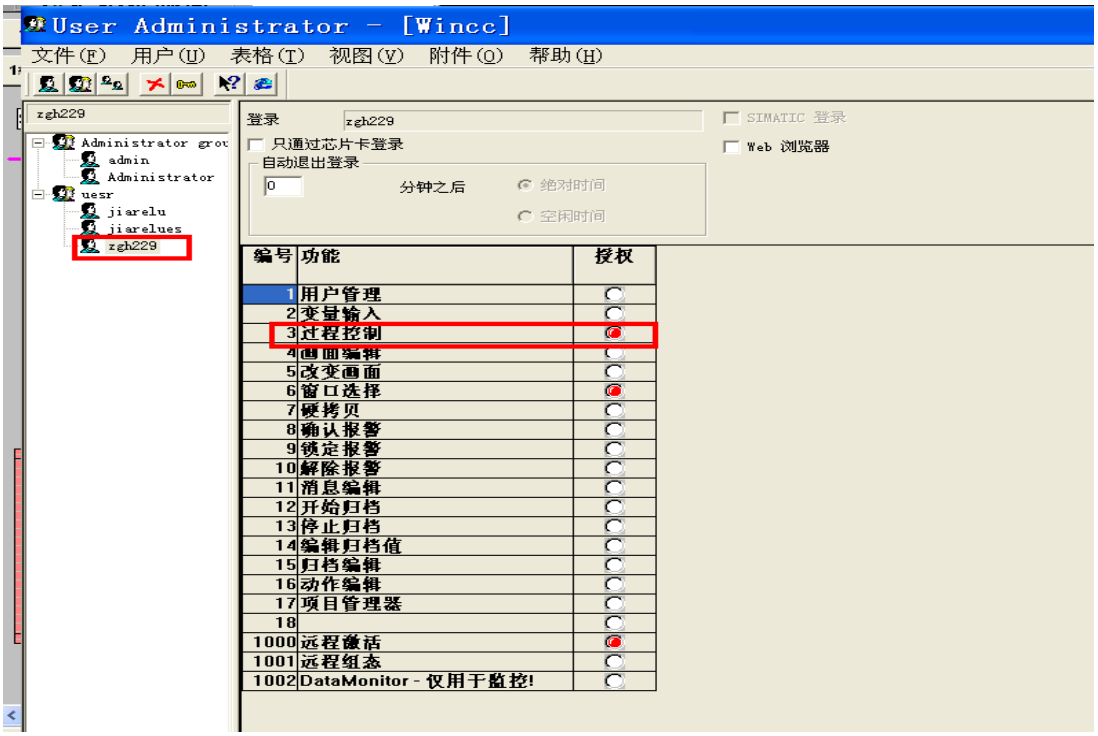


3）画面添加“运行 STEP7”按钮，并设定操作权限；

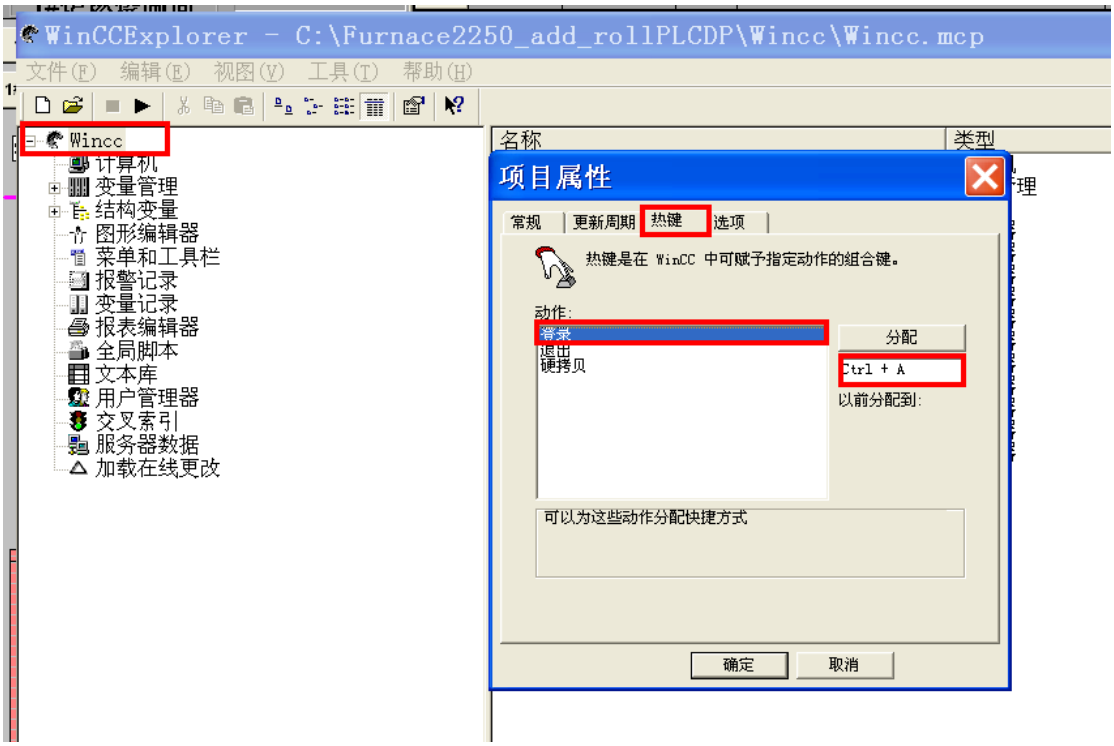




4) 添加用户设置权限“过程控制”;

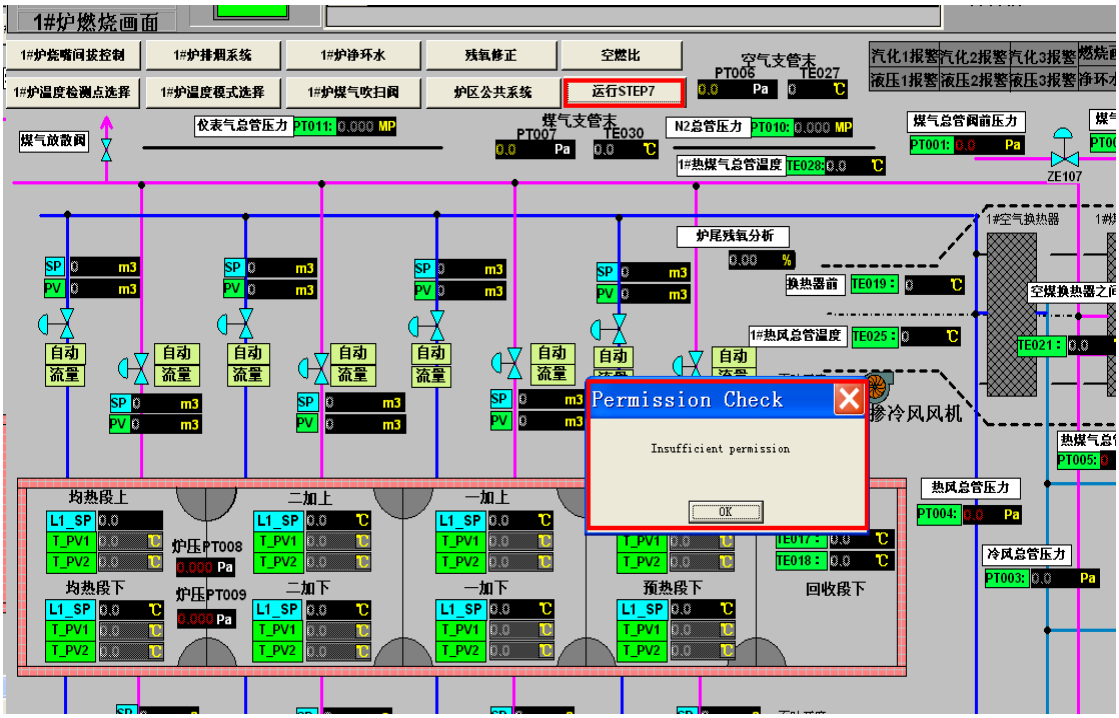


用户登陆

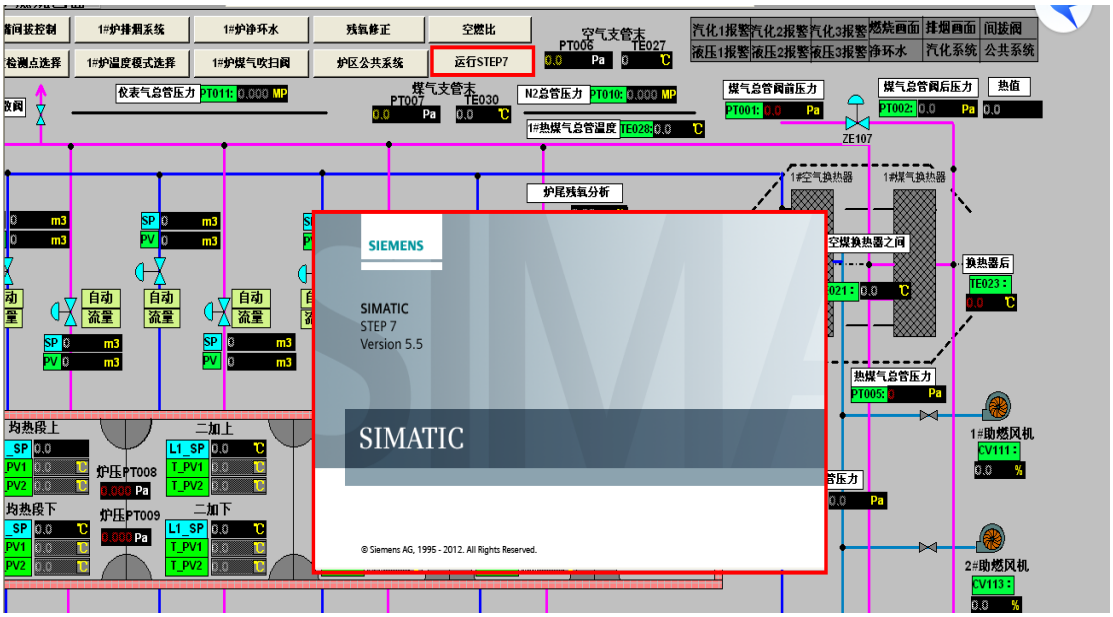


实际运行效果

直接点击运行 STEP7，会提示操作权限不足；



按下 Ctrl+A，调出登陆框；填写有效用户名和密码后，成功登陆后，点击“运行 STEP7”按钮，会打开 SIMATIC Manager 软件，就可以修改程序了；


SIEMENS
SIMATIC
STEP 7
Version 5.5
SIMATIC
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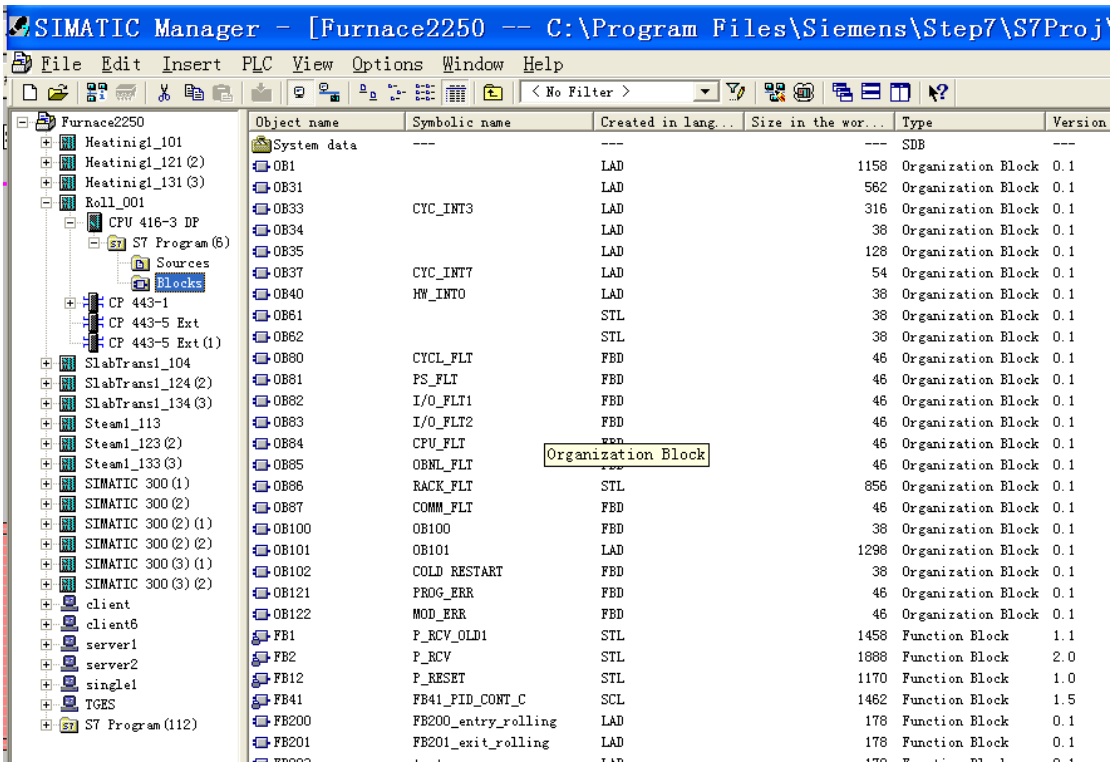
运行STEP7
炉尾残氧分析


SIMATIC Manager - [Furnace2250 -- C:\Program Files\Siemens\Step7\S7Proj
File Edit Insert PLC View Options Window Help
No Filter
Furnace2250
Heatinig1_101
Heatinig1_121 (2)
Heatinig1_131 (3)
Roll_001
CPU 416-3 DP
S7 Program (6)
Sources
Blocks
CP 443-1
CP 443-5 Ext
CP 443-5 Ext (1)
SlabTrans1_104
SlabTrans1_124 (2)
SlabTrans1_134 (3)
Steam1_113
Steam1_123 (2)
Steam1_133 (3)
SIMATIC 300 (1)
SIMATIC 300 (2)
SIMATIC 300 (2) (1)
SIMATIC 300 (2) (2)
SIMATIC 300 (3) (1)
SIMATIC 300 (3) (2)
client
client6
server1
server2
single1
TGES
S7 Program (112)
Object name
Symbolic name
Created in lang...
Size in the wor...
Type
Version
System data --- --- --- SDB ---
OB1 LAD 1158 Organization Block 0.1
OB31 LAD 562 Organization Block 0.1
OB33 CYC_INT3 LAD 316 Organization Block 0.1
OB34 LAD 38 Organization Block 0.1
OB35 LAD 128 Organization Block 0.1
OB37 CYC_INT7 LAD 54 Organization Block 0.1
OB40 HW_INTO LAD 38 Organization Block 0.1
OB61 STL 38 Organization Block 0.1
OB62 STL 38 Organization Block 0.1
OB80 CYCL_FLT FBD 46 Organization Block 0.1
OB81 PS_FLT FBD 46 Organization Block 0.1
OB82 I/O_FLT1 FBD 46 Organization Block 0.1
OB83 I/O_FLT2 FBD 46 Organization Block 0.1
OB84 CPU_FLT 46 Organization Block 0.1
OB85 OBNL_FLT 46 Organization Block 0.1
OB86 RACK_FLT STL 856 Organization Block 0.1
OB87 COMM_FLT FBD 46 Organization Block 0.1
OB100 OB100 FBD 38 Organization Block 0.1
OB101 OB101 LAD 1298 Organization Block 0.1
OB102 COLD_RESTART FBD 38 Organization Block 0.1
OB121 PROG_ERR FBD 46 Organization Block 0.1
OB122 MOD_ERR FBD 46 Organization Block 0.1
FB1 P_RCV_OLD1 STL 1458 Function Block 1.1
FB2 P_RCV STL 1888 Function Block 2.0
FB12 P_RESET STL 1170 Function Block 1.0
FB41 FB41_PID_CONT_C SCL 1462 Function Block 1.5
FB200 FB200_entry_rolling LAD 178 Function Block 0.1
FB201 FB201_exit_rolling LAD 178 Function Block 0.1
Organization Block