

????????????????????siemens?s7????????????(simatic???)????????(+??)???(+??)????????????????
f1?????simatic?????step7?????step7????????????lad?????stl?????fbd?????????????????????????epro
m????simatic????????/????s7??windows?????????pl
c?—????????????? ??????step7??(?
s7-300)????????????????????????s7????????????????s7????????s7????????????????????simatic???
??(mpi?profibus?????)????????????????????????/?????—offline?????????;online?????plc?????

??S7-1200 ?????????SIMATIC S7-1200????????????PLC????????????HMI ??????
????????*????? ?????????????HMI??SIMATIC
S7-1200????????????????????????????????????SIMATIC S7-1200 ?????????????????????????????????
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SIMATICSTEP 7 Basic???? SIMATIC WinCC Basic ? SIMATIC S7-1200 ?????SIMATIC STEP 7 Basic ???
??“IntelliSense”????????????????????????
?? SIMATIC STEP 7 ?????????? ?SIMATIC S7-1200
???????????? CPU 1211C?CPU 1212C ? CPU
1214C?CPU1215C?CPU1217C???????????????????????????????????? CPU ?????????????????????
I/O???????????????????????? CPU ????????????? I/O ?? CPU 1212C ?? 2 ?????CPU 1214C
?CPU1215C?CPU1217C??? 8 ????????? SIMATIC S7-1200 CPU ????????? 3 ?????????????????
S7-1500????*?SIMATICS7-1500??
??SIMATICS7-1500????TIA????????????????????????????????SIMATIC
S7-1500*??SIMATIC S7-1500
????????????????????????????????????*????????????????????????????????SIMATIC
S7-1500????3?PROFINET????????????????IP????????????????????IP???????????????? PROFINET
IRT????????????????????????????????????Internet????????CPU????????????????????????????
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