

????????????????????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????????????????????????
????????6SE70?????PMU????????“E”????????????P????????????????DC
24V????????????828D????????????D/A????????VCMD????????
????????????D/A????????????OP73????????
????????????;????;????;????????????????????????A.????????
????????????B.????????????C.????
????????A.????????(?????)????????????;????????B.???
????????SIMATIC ?????????????????????——????????
????????????????????HMI????????????????
??HMI????????????HMI????????HMI????????
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