

???? ??? (16?) ???? 6ES7 138-4DA04-0AB0 1????24V/100KHZ 6ES7
138-4DB03-0AB0 SSI ?????? 6ES7 138-4DD00-0AB0 2 Pulse (pulse width
modulation, timer) 6ES7 138-4DC00-0AB0 STEP1 ?????? 6ES7
138-4DF01-0AB0 1 SI ???? (RS232 RS422 RS485 ????) 6ES7
138-4DF11-0AB0 1? SI ??????????RS232/422?485 MODBUS/USS 6ES7
138-4DL00-0AB0 1 -U ?? ?????? ?? 5V/24V ?????? 6ES7 138-4GA00-0AB0 4
?IQ-SENSE ??24VC????5? ????? 6ES7 193-4CC20-0AA0 TM-P15S23-A1 f.
PM//2x3 ?????????? 6ES7 193-4CC30-0AA0 TM-P15C23-A1 f. PM/2x3
???????????? 6ES7 193-4CD20-0AA0 TM-P15S23-A0 f. PM/2x3 ??????????
6ES7 193-4CD30-0AA0 TM-P15C23-A0 f. PM/2x3 ?????????? 6ES7
193-4CE00-0AA0 TM-P15S22-01 f. PM/2x2 ???? ?????? 6ES7
193-4CE10-0AA0 TM-P15C22-01 f. PM/2x2 ??????????? 6ES7
193-4CA20-0AA0 TM-E15S24-A1 f. EM/2x4 ??????????? ?5?? 6ES7
193-4CA30-0AA0 TM-E15C24-A1 f. EM/2x4 ??????????? ?5?? 6ES7
193-4CB20-0AA0 TM-E15S24-01 f. EM/2x4 ??????????? ?5?? 6ES7
193-4CB30-0AA0 TM-E15C24-01 f. EM/2x4 ??????????? ?5?? 6ES7
193-4CB00-0AA0 TM-E15S23-01 f. EM/2x3 ??????????? ?5?? 6ES7
193-4CB10-0AA0 TM-E15C23-01 f. EM/2x3 ??????????? ?5?? 6ES7
193-4CA40-0AA0 TM-E15S26-A1 für EM/2x6 ??????????? ?5?? 6ES7
193-4CA50-0AA0 TM-E15C26-A1 für EM/2x6 ??????????? ?5?? 6ES7
193-4JA00-0AA0 SIMATIC DP?ET 200S???????? ?? 6ES7 193-4GA00-0AA0
????TM-P?TM-E????? 3 x 10 MM,??5? 6ES7 193-4GB00-0AA0
????????????????????????????5? ET200M: 6ES7 153-1AA03-0XA1 IM153-1??????90
????????????????????6ES71531AA030XB0*1+6ES79720BA120XA0*1? 6ES7
153-1AA03-0XA4 IM153-1??????35????????????????????6ES71531AA030XB0*1
+6ES79720BA410XA0*1? 6ES7 153-1AA03-0XA5
IM153-1????????????????????????????
?6ES71531AA030XB0*1+6ES79720BA520XA0*1? 6ES7 153-1AA03-0XB4 I
M153-1??????35????????????????????6ES71531AA030XB0*1+6ES79720BB410X
A0*1? 6ES7 153-1AA03-0XB5 IM153-1????????????????????????
?6ES71531AA030XB0*1+6ES79720BB520XA0*1? S7-300?????PLC????????
CPU????????????IO????????????????????????S7-300????????CPU????????????IO?????
????????? ???PLC??S7-300??? 20?????CPU: 7?????CPU(CPU 312,CPU
314,CPU 315-2 DP,CPU 315-2 PN/DP,CPU 317-2 DP,CPU 317-2
PN/DP,CPU 319-3 PN/DP) 6 ???? CPU???????????? I/O??CPU 312C?CPU
313C?CPU 313C-2 PtP?CPU 313C-2 DP?CPU 314C-2 PtP?CPU 314C-2
DP? 5 ??????? CPU?CPU 315F-2 DP?CPU 315F-2 PN/DP?CPU 317F-2
DP?CPU 317F-2 PN/DP?CPU 319F-3 PN/DP? 2?????CPU(CPU 315T-2 DP,

CPU 317T-2 DP) ???PLC S7-400????????? PLC S7-400????????? ???PLC
S7-300????????? S7-300 ??????PLC ?????????????????? ???PLC
S7-200????????? S7-200??PLC????????????????????????????????? ???PLC
S7-1200????????? SIMATIC S7-1200 CPUSIMATIC S7-1200 ??? CPU
?????????CPU 1211C?CPU 1212C ? CPU1214C S7-400
PLC????????????????????? S7-400 PLC???
???CPU??
????????????????? 4? ??????
??? “SIMATIC NET”?????
??? 5?
?????HMI??? HMI?????PLC???TD200?????????
OP3?OP7?OP17?????/??????OP27?OP37?????????????TP7?TP27/37?TP170A/
B??SIMATIC???PC670?????????PC???????HMI?????HMI?????????????ProTool
?????????PLC??? SIMATIC S7????? ?????????? ?1?????????
?????????????????PLC?PC?????????????????????????????????STEP 7?????SIMATIC
S7???S7-300/400?C7 PLC?SIMATIC
WinAC??PC?????????????????????????????STEP
7-Micro/WIN??Windows???????S7-200??PLC????????????? SIMATIC S7?????
????????? ??PC?????
??PC?????WinAC?????????????????????????PLC?????????????????Windows NT4.
0?????SIMATIC?????????????WinAC?????PLC?????????PLC?????????????????????
?????????PLC?????????????PC?????????PLC?????????WinAC?SIMATIC
S7?????????????????????SIMATIC?????????STEP
7?????????????????WinAC?????????S7????????? SIMATIC S7????? ?????????? ??????
?????????????????????????????HMI??SCADA?????????????????????????????????????P
roTool?????????????WinCC?
ProTool?????????HMI?????????????????????PC?????????STEP 7??ProTool?????????Pr
oTool/lite?????????????OP3?OP7?OP17?TD17??ProTool/Pro?????????PC?????
?HMI???ProTool/Pro?????????????????????Windows??????
WinCC?????????????????????SCADA?Supervisory Control and Data
Acquisition?????????????PC?????WinCC?????????????STEP 7?????????????PLC
???
??????WinCC5.0??????????IE?????????????
???SIMATIC??PLC?????1958?????C3,S3,S5,S7?????????????????????????????
?????SIMATIC?PLC?6??????SIMATIC?PLC?6?
1?????????????????1975?????????SIMATIC S3?????????????????????????????
2?1979??S3???SIMATIC S5????????????????????????????? 3?20??80?????S5?????????—
—U??PLC?????????S5-90U?95U?100U?115U?135U?155U? 4?1994?4??S7????

