







???,8?????, DC 48-125V, 1.5A, 20 ? ??????????6ES7322-1FF01-0AA0  
SIMATIC S7-300, ?????SM 322, ???,8?????, /230V AC, 1A, 20 ?  
????????????6ES7322-1FH00-0AA0 SIMATIC S7-300, ?????SM 321,  
???16?????, /230V AC, 1 A,20 ? ?????????????6ES7322-1FL00-0AA0 SIMATIC  
S7-300, ?????SM 322, ???,32?????, AC V/230V, 1A, ????, 2 X 20?  
????????????6ES7322-1HF01-0AA0 SIMATIC S7-300, ????? SM 322, ???,  
8????? (???), 1 X 20 ?, 24V DC, 2A ? 230V AC, 2A  
????????????6ES7322-1FL00-0AA0 SIMATIC S7-300, ?????SM 322,  
??? ,32?????, AC V/230V, 1A, ????, 2 X 20?  
????????????6ES7322-1HF01-0AA0 SIMATIC S7-300, ????? SM 322, ???,  
8????? (???), 1 X 20 ?, 24V DC, 2A ? 230V AC, 2A SM322 ?????  
(6ES73221HH010AA0) SIMATIC S7-300, ????? SM 322, ??? 16DO, ???  
CONTACTS, 1 X 20 ??SIMATIC S7-300, ?????(6ES73921BJ000AA0) ?? ?????  
?? ?????, 20? " ?????????66ES7322-5FF00-0AB0 " SIMATIC S7-300, ?????SM  
322, ???,8?????, /230V AC, 2A, 40 ?" ?????????????6ES7322-5GH00-0AB0  
SIMATIC S7-300, ?????SM 322, ???,16 DA (?????),AC/DC 24 - 48V;  
0.5A;1.5A ?????, ?????????????6ES7322-5HF00-0AB0 SIMATIC S7-300, ?????SM  
322, ???,8????? (?????), 40 ?,24V DC, - 230V AC, 5A WIT  
????????????6ES7322-8BF00-0AB0 " SIMATIC S7-300, ?????SM 322,  
??? ,8?????, 24V DC, 0.5 A (1 X 8?????),????,?? , 20 PI"  
????????????6ES7323-1BH01-0AA0 " SIMATIC S7-300, ?????SM 323, ???,8  
????????8?????, 24V DC, 0.5A??? 2A, 20 ? " ?????????6ES7322-1HF01-4AA1  
SM322 ????? (6ES73221HF010AA0) SIMATIC S7-300, ????? SM 322, ???,  
8????? (???), 1 X 20 ?, 24V DC, 2A ? 230V AC, 2A?SIMATIC S7-300,  
????(6ES73921AJ000AA0) ?????????? ?????????66ES7322-1HF01-4AA2  
SM322 ????? (6ES73221HF010AA0) SIMATIC S7-300, ????? SM 322, ???,  
8????? (???), 1 X 20 ?, 24V DC, 2A ? 230V AC, 2A ? SIMATIC S7-300,  
????(6ES73921BJ000AA0) ?????????? ?????????66ES7322-1HF10-0AA0 "  
SIMATIC S7-300, ?????SM 322, ???,8????? (?????), 40 ?,24V DC, 5A ? 230V  
AC, 5A,CON" ?????????66ES7322-1HH01-0AA0 SIMATIC S7-300, ????? SM  
322, ??? 16?????, ?????, 1 X 20 ? ?????????66ES7322-1HH01-4AA1 SM322  
???? (6ES73221HH010AA0) SIMATIC S7-300, ????? SM 322, ??? 16DO, ???  
CONTACTS, 1 X 20 ??SIMATIC S7-300, ?????(6ES73921AJ000AA0) ?? ?????  
?? ?????, 20? ?????????66ES7322-1HH01-4AA2 " SM322 ?????  
(6ES73221HH010AA0) SIMATIC S7-300, ????? SM 322, ??? 16DO, ???  
CONTACTS, 1 X 20 ??SIMATIC S7-300, ?????(6ES73921BJ000AA0) ?? ?????  
?? ?????, 20? " ?????????????6ES7323-1BL00-0AA0 " SIMATIC S7-300, ?? ??  
SM 323, ???, 16 ?????????16?????, 24V DC, 0.5A,??? 4A, 1X40 ?"

????????6ES7323-1BL00-4AA1 " SM323 ???? (6ES73231BL000AA0)  
SIMATIC S7-300, ???? SM 323, ???, 16 ??????16 ??????, 24V DC, 0.5A, ???  
4A, 1X40 ??SIMATIC S7-300,????(6ES73921AM000AA0) 392 ??????  
????????6ES7323-1BL00-4AA2 " SM323 ???? (6ES73231BL000AA0)  
SIMATIC S7-300, ?? ?? SM 323, ???, 16 DI?16?????, 24V DC, 0.5A, ??? 4A,  
1X40 ??SIMATIC S7-300, ???? (6ES73921BM010AA0) ??????????  
????????6ES7326-1BK02-0AB0 " SIMATIC S7, ???? SM 326, F-DI 24 X  
DC 24V, ????????? ?? ?????.???SIMATIC S7 ??????, 1 X 40 ? "  
????????6ES7326-1RF00-0AB0 " SIMATIC S7, ???? SM 326, 8 DI; DC  
24V, ?, ????????? SIMATIC S7 F ??, 1 X 40 ? "  
????????6ES7326-2BF01-0AB0 " SIMATIC S7, ???? SM 326, 10 DO; 24V  
DC, 2A, ????????? ????????? SIMATIC S7 F ?? 1 X 40 ? "  
??????6ES7351-1AH02-0AE0 " SIMATIC S7-300, FM 351  
??????/??????,??????CD" ???????6ES7352-1AH02-0AE0 " SIMATIC S7-300,  
FM 352??. ?????,??????CD" ???????6ES7352-5AH01-0AE0 " SIMATIC S7-300,  
FM352-5 ??????????, ?????????, ????????? 12 ??????, 8 ??????, 1 ??????. ??  
RS422 INCR./SSI ??? " ???????6ES7352-5AH11-0AE0 " SIMATIC S7-300,  
FM352-5 ??????????, ?????????, ????????? 12 ??????, 8 ??????, 1 ??????. ??  
RS422 INCR./SSI ??? " ???????6ES7355-0VH10-0AE0 " SIMATIC S7-300,  
?????FM 355 C, 4 ??, ??4 ?????? + 8 ??????+ 4 ????????????????,??"  
??????6ES7355-1VH10-0AE0 " SIMATIC S7-300, ?????FM 355 S, 4 ??,  
?????, 4 ?????? + 8 ?????? + 8 ??????????????????" ???????6ES7355-2CH00-0AE0  
" SIMATIC S7-300, ???????FM 355-2 C, 4 ??, ??4 ?????? + 8 ??????+ 4  
?????????????????., " ???????6ES7355-2SH00-0AE0 " SIMATIC  
S7-300,??????FM 355 S, 4 ??, STEP ?PULSE, 4 ?????? + 8 ??????+ 8  
???????? ?????" ???????6ES7360-3AA01-0AA0 " SIMATIC  
S7-300,????????IM 360 ????MAX.3???,?? K-BUS "  
??????6ES7361-3CA01-0AA0 " SIMATIC S7-300,?? ??IM 361 IN  
?????????????(IM360),24 V DC ??????" ???????6ES7365-0BA01-0AA0 "  
SIMATIC S7-300,?? ??IM 365 ????????, W/O K-BUS,2 ?? + ????? 1M "  
????????6ES7368-3BB01-0AA0 " SIMATIC S7-300,????? IM 360/IM  
361,1M ??" ?????????6ES7368-3BC51-0AA0 SIMATIC S7-300,????? IM  
360/IM 361,2.5M?? ???PLC??6ES7314-6BH04-0AB0 SIMATIC S7-300, CPU  
314C-2 PTP ? CPU ??MPI,24?????/16?????,4?????,2?????,1T100,4?????  
(60 KHZ),???? RS485,??24V DC ??,192 KB?????,????(2 X 40?)??MMC? ???  
?????,,?????????,?????????,?????????????????????????,?????????,?????????  
?,??DP????????DP????????????  
?????PLC??????CPU????????????? DI?DigitalInput???????? ?????????????????

DI?? DO?DigitalOutput???? AI?AnalogyInput???? AO?AnalogyOutput????  
0~5V?0~10V????0~10mA  
-????? AC????  
24V?690V??60W?2.3MW????-SINAMICSV20?SIMATIC????  
SIMATIC??SINAMICS????“SINA  
MICS??”  
SINAMICSV20?  
SITOP????  
SITOP???? PLC???? S7-200??PLC????  
?? STEP7-Micro/WIN? 4????? PLC????  
EEPROM???? PLC???? EEPROM????  
EEPROM?6ES 7291-8GC00-0XA0?6ES  
7291-8GD00-0XA0?????8K?16K???? 5???? PLC?EPROM??  
PLC?RAM???? PLC???? RAM??  
6???? TD200???? 80????4????  
D200???? S7-200??PLC???? S7-  
200???? ?1??/? S7-200 CPU????I/O????CPU  
??I/O????CPU221?I/O????CPU  
222????CPU224?CPU226???? S7-200 PLC????  
5????EM221?8????EM222?8????  
????EM223?8I/O?16I/O?32I/O????EM231??EM231???3????  
?A/D????25?s?12????EM235??EM235????3????1????  
????A/D????25?s?D/A????]100?s????12??  
????+5VDC????24VDC

????????????????24VDC???????????????????? ?2????/???????? ????  
????EM231???CPU222?CPU224?CPU226????S7-200????????????????  
????????????DIP???????????????????????????????? ?3???????? ??CPU??  
????S7-200????????????????????S7-200????????????????PROFIBUS-  
DP????????EM277??AS-i????????CP243-2??  
S7-200??PLC??/????????????????4-16??? ?4-16  
S7-200??PLC??/???????????????? 50Hz????????????,IG??PWM????????  
??20kHz????,????,????,????,????  
????1????????????????????  
????2????????????????????  
????3????????????????????