

### ????? UniMAT — ?????? ?????? ??????? Siemens S7-200, S7-300 ? S7-1200 ?? ????????? ?????!



UniMAT — ?????? ?????????? ?????????????? ?????????????? ??? ?????????????? ??????????????. С 2005 ???? ?????????? ?????????????? ? ?????????????? ?????????????????? ?????????????? ?????????????? ?????????????? ? HMI ?????? ?????????????? ?????????? ??? ?????????????? ??? ??????????????

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- ?????????????? ?????????? UniMAT ?????????? ? ????:
  - ??? ??? ?????????? ?????????????????? UN120/UN200/UN200 Smart
  - ??????, ?????????????? ? ??? Siemens S7-200, S7-300 ? S7-1200
  - ?????????? ?????????????????????? ??????-?????? ??? ??? UniMAT ? Siemens
  - HMI ???????

??? UN-200 ?????????????????? ? ?????? ?????????? ? ?????????? ?????? ?????? — MicroWin. ?????? UN-300 ? UN-1200 ?????????????????? ?????????????? Step7 ? TIA Portal ??? ?????????????? ?????? Siemens, ??? ??????-????? ?????????????????? ?????????????? ?? ?????? ?????????????????. ???? ?????????????? ?????????? UniMAT ??? ?????????????? Siemens Simatic S7-200, S7-300 ? S7-1200 ?????????? ?????????????? ?????????????????? ? ?????????? ?????????? ?????????????????? ?????????????????? ?????????? ?????????????????? UniMAT.

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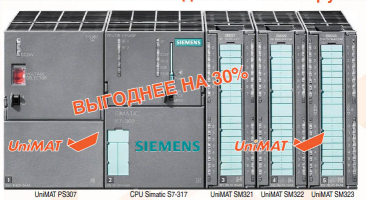
### Simatic S7-300

? ??????????, ??? ?????????????????? Siemens ?????? S7-300 ?????????????????? ?????????????? ??????????????:

- ?????????????????? CPU Siemens ?????? S7-300
- ?????? ?????????? UniMAT ?????? UN300
- ?????????? ?????????????? UniMAT ?????? UN300

### ????????? UniMAT ?????????? ?? 152 924 ??????

Комплект UniMAT выгоднее на 152 924 рубля!



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Siemens	????????????????????? ?????????? ??????????????????	CPU Siemens + ?????? UniMAT
?????????	????????????????????? ?????????? ??????????????????	?????
	???	???
	???	???
6ES7307-1EA????? ?????????? 17 26UN 307-1 ?????? ?????????? PS307		10 70
01-0AAO PS307 ?????: 4,00 EA01-0A Power Supply for CPU,		1,00
~120/230 ?, ????. A0 5A		???.
?????: =24 ?/5		
?		
6ES7315-2E ??? CPU 3152219 16ES7315-??? CPU 3152 PN/DP		219 1

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H14-0AB0	PN/DP	75,00	2EH14-0?	75,00
		???.	?0	???.*
6ES7321-1BLSM 321,		29 81	UN 321-1	44
00-0AAA	??????	7,00	BL00-0AA	5,00
	????????	???.	0	???.
			32DI.DC 24V	
6ES7322-1BLSM 322,		25 63	UN 322-1	25
00-0AAA	??????	9,00	BL00-0AA	5,00
	????????	???.	0	???.
			SM322 32DO,DC	
			24V0.5A	
6ES7331-7KFSM 331,		44 01	UN 331-7	19
02-0AB0	??????	0,00	KF02-0A	4,00
	????????	???.	B0	???.
			volt-age/RTD/TC	
6ES7332-5HFSM 332,		168 5	UN 332-5	78
00-0AB0	??????	72,00	HF00-0A	3,00
	????????	???.	B0	???.
			bits	
?????:		504 4	?????:	5
		77,00		53,00
		???.		???.

(\* ) ??? ?????? ?????? Siemens CPU ? ?????????? ??????? ??????/??????? UniMAT ?????????????? ?????????????? ??????. ?????????? ? ?????? ??????.



Simatic S7-1200

? ?????????, ??? ????????????? Siemens ?????? S7-1200 ?????????????? ?????????? ???????????:

- ????????????? CPU Siemens ?????? S7-1200
- ?????? ?????????? ??????/??????? UniMAT SM 1223
- ?????? ?????????? ?????? UniMAT SM 1231
- ?????? ?????????? ??????/??????? UniMAT SM 1234

????????? UniMAT ?????????? ?? 65 502 ??????!



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Siemens	????????????	???? ???	CPU Siemens + ?????? UniMAT	???? ???
6ES7211-1BE40-0XB0	?????????? CPU 1211 AC/DC/RLY	24 848,00	6ES7211-1BE4-0-0XB0	24 848,00
6ES7221-1BH32-0XB0	?????? ??????? SM1221 16DI 24VDC	24 438,00	UN221 -1BH32-0??0 24VDC	9 688,00
6ES7222-1HH32-0XB0	?????? ??????? SM1222 16DO RELAY	19 392,00	UN222-1HH32-0XB0 RELAY	9 688,00
6ES7223-1PH32-0XB0	?????? ??????? SM1223 8DI 24VDC/8DO RELAY	18 102,00	UN223-1??32-0??0 SM1223 8DI 24VDC/8DO RELAY	9 688,00
6ES7231-4HD32-0XB0	?????? ??????? SM1231 4AI 13BITS	25 320,00	UN231-4HD32-0XB0 13BITS	12 312,00
6ES7234-4HE32-0XB0	?????? ??????? SM1234 4AI/2AO	38 195,00	UN234-4HE32-0XB0 4AI/2AO	14 569,00
?????:		150 295,00	?????:	84 793,00
		???.		???.

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UniMAT		SIEMENS
<b>Digital Expansion Modules</b>		
UN221-1BF32-0XB0	SM 1221 Digital input, 8 DI 24V DC	6ES7221-1BF32-0XB0
UN221-1BH32-0XB0	SM 1221 Digital input, 16 DI 24V DC	6ES7221-1BH32-0XB0
UN222-1HF32-0XB0	SM 1222 Digital output, 8 DO Relay	6ES7222-1HF32-0XB0
UN222-1BF32-0XB0	SM 1222 Digital output, 8 DO 24V DC	6ES7222-1BF32-0XB0
UN222-1HH32-0XB0	SM 1222 Digital output, 16 DO Relay	6ES7222-1HH32-0XB0
UN222-1BH32-0XB0	SM 1222 Digital output, 16 DO 24V DC	6ES7222-1BH32-0XB0
UN223-1PH32-0XB0	SM 1223 Digital input/output 8DI 24V DC/ 8DO Relay	6ES7223-1PH32-0XB0
UN223-1BH32-0XB0	SM 1223 Digital input/output 8DI 24V DC/ 8 24V DC	6ES7223-1BH32-0XB0
UN223-1PL32-0XB0	SM 1223 Digital input/output 16DI 24V DC/16 Relay	6ES7223-1PL32-0XB0
UN223-1BL32-0XB0	SM 1223 Digital input/output 16DI 24V DC/16 24V DC	6ES7223-1BL32-0XB0
<b>Analog Expansion Modules</b>		
UN231-4HD32-0XB0	SM 1231 Analog input 4AI 13-bit resolution	6ES7231-4HD32-0XB0
UN231-4HF32-0XB0	SM 1231 Analog input 8AI 13-bit resolution	6ES7231-4HF32-0XB0
UN231-5ND32-0XB0	SM 1231 Analog input 4AI 16-bit resolution	6ES7231-5ND32-0XB0
UN231-5PD32-0XB0	SM 1231 4RTD 16-bit resolution	6ES7231-5PD32-0XB0
UN231-5QD32-0XB0	SM 1231 4TC 16-bit resolution	6ES7231-5QD32-0XB0
UN231-5PF32-0XB0	SM 1231 8RTD 16-bit resolution	6ES7231-5PF32-0XB0
UN231-5QF32-0XB0	SM 1231 8TC 16-bit resolution	6ES7231-5QF32-0XB0
UN232-4HB32-0XB0	SM 1232 Analog output 2AO 14-bit resolution	6ES7232-4HB32-0XB0
UN232-4HD32-0XB0	SM 1232 Analog output 4AO 14-bit resolution	6ES7232-4HD32-0XB0
UN234-4HE32-0XB0	SM 1234 Analog input/output 4AI/2AO	6ES7234-4HE32-0XB0

UniMAT		SIEMENS
?????? ?????	UN 321-1B	SIMATIC S7-300, Digital input SM 6ES7321
???????????	H02-0AA0	321, isolated, 16 DI, 24 V DC, 1x -1BH02-0
????????? SM321		20-pole AA0
16DI.DC 24V, NPN		
?????? ?????	UN 321-1BL	SIMATIC S7-300, Digital input SM 6ES7321
???????????	00-0AA0	321, Isolated 32 DI, 24 V DC, 1x -1BL00-0
????????? SM321		40-pole AA0
32DI.DC 24V		
?????? ??????	UN 322-1B	SIMATIC S7-300, Digital output 6ES7322
???????????	H01-0AA0	SM 322, isolated, 16 DO, 24 V -1BH01-0
????????? SM322		DC, 0.5A, 1x 20-pole, Total currentAA0
16DO.DC 24V		4 A/group (8A/module)
0.5?		
?????? ??????	UN 322-1H	SIMATIC S7-300, Digital output 6ES7322
???????????	H01-0AA0	SM 322, Isolated 16 DO, relay -1HH01-
????????? SM322		contacts, 1x 20-pole 0AA0
16DO,Relay 2?		
?????? ??????	UN 322-1BL	SIMATIC S7-300, Digital output 6ES7322
???????????	00-0AA0	SM 322, isolated, 32 DO, 24 V -1BL00-0
????????? SM322		DC, 0.5A, 1x 40-pole, Total currentAA0
32DO.DC 24V		4 ?/group (16A/module)
0.5?		
??????	UN 323-1BL	SIMATIC S7-300, Digital module 6ES7323
?????-???????	00-0AA0	SM 323, isolated, 16 DI and 16 -1BL00-0
???????????		DO, 24 V DC, 0.5 A, Total current AA0
????????? SM323		4A, 1x 40-pole
16DI/ 16DO		
24VDC/24VDC		
0.5?		
<b>UN300 analog module</b>		
??????	UN 331-1KF	SIMATIC S7-300, Analog input SM6ES7331
???????????	02-0AB0	331, Isolated 8 AI, resolution 13 -1KF02-0
????? SM331 8AI,		bits U//resistor/Pt100, N1100, ABO
current/voltage/RT		N11000, LG-NI1000, PTC/KTX 66
D		ms conversion time; 1x 40-pole

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????? UN 331-7KFSIMATIC S7-300, Analog input SM6ES7331
????????????? 02-0AB0 331, isolated, 8AI, Resolution -7KF02-0
????? SM331 8AI, 9/12/14 bits, AB0
current/voltage/RT U/I/thermocouple/resistor, alarm,
DTC diagnostics, 1x 20-pole Removing/
inserting with active backplane bus
????? ?????????? UN 331-7PFSIMATIC S7-300, Analog input SM6ES7331
????????????? SM33101-0AB0 331, isolated, 2/3/4-wire, 8AI, -7PF01-0
8RTD, Resistor, Pt100/200/1000 AB0
N1100/120/200/500/1000, CU10,
characteristics according to GOST
16 (internal 24) bit, 50ms, 1x
40-pole
????? ?????????? UN 331-7PFSIMATIC S7-300, Analog input SM6ES7331
SM331 8??, 11-0AB0 331, isolated. 8 AI thermocouples -7PF11-0
Type ?, E, J, K, L, N, R, S, AB0
??????? (L) according to GOST 16
bit, 50ms, 1x 40-pole
????? UN 332-5H SIMATIC S7-300, Analog output 6ES7332
????????????? D01-0AB0 SM 332, isolated, 4 AO, U/I; -5HD01-
??????? SM332 diagnostics; resolution 11/12 bits, 0AB0
4??, 12 bits 20-pole, removing and inserting
possible with active backplane bus
????? UN 332-5H SIMATIC S7-300, Analog output 6ES7332
????????????? F00-0AB0 SM 332, isolated, 8 AO, U/I; -5HF00-0
??????? SM332 diagnostics; resolution 11/12 bits, AB0
8??, 12 bits 40-pole, removing and inserting
possible with active backplane bus
????? UN 335-7H SIMATIC S7-300, ANALOG 6ES7335
????????????? G02-0AB0 MODULE SM 335, OPTICALLY -7HG02-
?????-??????? ISOLATED U/I; DIAGNOSTICS; 0AB0
SM335 INTERRUPT 4AI 14 BIT RESOL.,
4 AI/4AO,high 4 AO 11/12 BIT 1 X 20-PINS
speed analog
module
????? UN 153-1A SIMATIC DR Connection IM 6ES7153
????????????? A03-0XB0 153-1, for ET 200M, for max. 8 -1AA03-0
ET200M.IM1531 S7-300 modules XB0
UN300 Communication Module
????? UN 341-1C SIMATIC S7-300, CP 340 6ES7340
????????????? CPH02-0AE0 Communications processor with -1CH02-
341 RS485/422 RS 422/485 interface incl. 0AE0
Modbus configuration package on CD
Communication
Module
UN300 adapter
????? UN 972-0C SIMATIC S7, PC ADAPTER V5.1 6ES7972
MPIconnect HMI A23-0XA0 FOR CONNECTION OF -0CA23-0
adapter S7-300/400, C7, M7; FOR XA0
CONVERSION OF RS232 TO
RS485; W/O RS232 CABLE
????? UN 972-0C PC adapter USB A2 USB adapter 6ES7972
USBMPI/DP B20-0XA0 (USB V2.0) for connection of a -0CB20-0
adapter PG/PC or noteb00k to SIMATIC XA0 6GK
S7 via PROFIBUS or MPI contain 1571-0B
USB cable 5 m, MPI cable 0.3 m A00-0AA
can be used under Windows 0
??/Vista/ Windows 7 32/64 bit and
higher.
UN Accessory
????????? DIN RaiUN 390-1A SIMATIC S7-300, mounting rail, 6ES7390
160mm B60-0AA0 length: 160 mm -1AB60-0
AA0
????????? DIN RaiUN 390-1A SIMATIC S7-300, mounting rail, 6ES7390
482mm E80-0AA0 length: 482.6 mm -1AE80-0
AA0
????????? DIN RaiUN 390-1AFSIMATIC S7-300, mounting rail, 6ES7390
530mm 30-0AA0 length: 530 mm -1AF30-0
AA0

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????????? DIN Rail	UN 390-1AJ	SIMATIC S7-300, mounting rail, 830mm	6ES7390-1AJ30-0AA0
????????? 20pin front connector	UN 392-1AJ	SIMATIC S7-300, Front connector for signal modules with screw contacts, 20-pole	6ES7392-1AJ00-0AA0
????????? 40pin front connector	UN 392-1A	SIMATIC S7-300, Front connector with screw contacts, 40-pole	6ES7392-1AM00-0AA0
????????? 900 bus connector for Profibus w/o program port	UN 972-0B	A12-0XA0 SIMATIC DR Connection plug for PROFIBUS up to 12 Mbit/s 90° cable outlet, 15.8x 64x 35.6 mm (WxHxD), terminating resistor with isolating function, without PG socket	6ES7972-0BA12-0XA0
????????? 900 bus connector for Profibus w/ program port	UN 972-0B	B12-0XA0 SIMATIC DR Connection plug for PROFIBUS up to 12 Mbit/s 90° cable outlet, 15.8x 64x 35.6 mm (WxHxD), terminating resistor with isolating function, With PG receptacle	6ES7972-0BB12-0XA0
????????? 900 bus connector for Profibus w/o program port, instant connection	UN 972-0B	A52-0XA0 SIMATIC DR Connection plug for PROFIBUS up to 12 Mbit/s 90° cable outlet, Insulation displacement method FastConnect. without PG socket 15.8x 59x 35.6 mm (BxHxD)	6ES7972-0BA52-0XA0
????????? 900 bus connector for Profibus w/ program port, instant connection	UN 972-0B	B52-0XA0 SIMATIC DR Connection plug for PROFIBUS up to 12 Mbit/s 90° cable outlet, Insulation displacement method FastConnect, With PG receptacle 15.8x 59x 35.6 mm (BxHxD)	6ES7972-0BB52-0XA0
????????? 450 bus connector for Profibus w/o program port	UN 972-0B	A41-0XA0 SIMATIC DR Connection plug for PROFIBUS up to 12 Mbit/s with inclined cable outlet, 15.8x 54x 39.5 mm (WxHxD), terminating resistor with isolating function, without PG socket	6ES7972-0BA41-0XA0 6ES7972-0BA42-0XA0
????????? 450 bus connector for Profibus w/ program port	UN 972-0B	B41-0XA0 SIMATIC DR Connection plug for PROFIBUS up to 12 Mbit/s with inclined cable outlet, 15.8x 54x 39.5 mm (WxHxD), terminating resistor with isolating function, With PG receptacle	6ES7972-0BB41-0XA0 6ES7972-0BB42-0XA0
??????? Profibus cable	UN 830-0EH10	PROFIBUS FC Standard Cable GR bus cable 2-wire, shielded, special configuration for quick assembly, Delivery unit: max. 1000 m, minimum order quantity 20 m sold by the meter	6XV1830-0EH10
??????? PS307 Power Supply for CPU, 5A	UN A01-0AA0	307-1E SIMATIC S7-300 Regulated power supply PS307 input: 120/230 VAC, output: 24 V/5ADC	6ES7307-1EA01-0AA0
??????? PS307 Power Supply for CPU, 10A	UN A01-0AA0	307-1K SIMATIC S7-300 Regulated power supply PS307 input: 120/230 VAC, output: 24 V/10 A DC	6ES7307-1KA01-0AA0 6ES7307-1KA02-0AA0