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TECHNOLOGY GROUP

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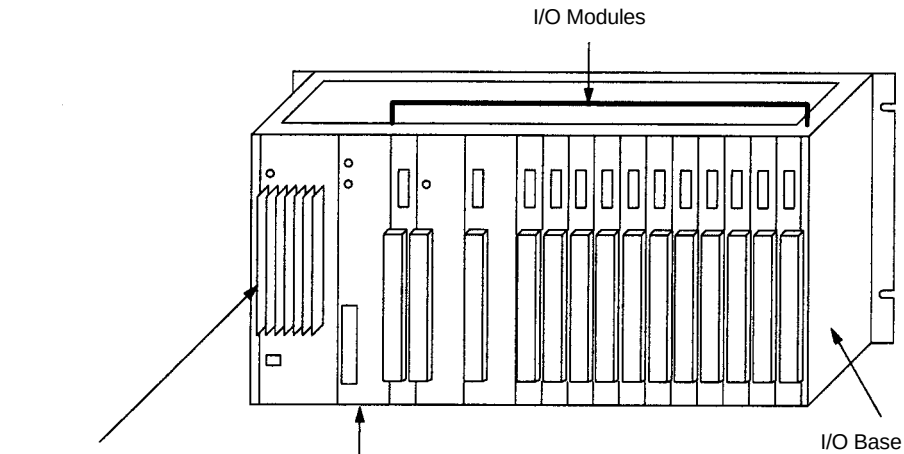
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Find the *Siemens / Texas Instruments 505-6660* at our website: *Click HERE*



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Quality

Quality

Quality is at the center of everything we do!

Meticulous attention to detail and continuous monitoring are necessary on a daily basis to produce SIMATIC products of the quality that you, the user, have come to expect.

Our quality management system assures that all of our employees achieve an optimum level of quality in their respective areas of responsibility.

Our quality management system completely fulfills the requirements of the DIN ISO 9001 standard (identical to EN 29 001 and ISO 9001).

The certificates are available in several languages.

DIN ISO 9001 includes areas such as responsibility, the quality assurance system, contract review, design control, document control, purchasing, identification and traceability, process control, inspections, inspection media, inspection status, handling of defective products, correction measures, materials handling, stocking, packaging and dispatch.

505 System CE Declaration of Conformity

Manufacturer's Name: Siemens Industrial Automation, Inc.
Manufacturer's Address: 3000 Bill Garland Road
Johnson City, TN 37601

Manufacturer's Agent: Siemens AG
Automation Engineering Department – AUT 125
Postfach 1963
D-92209 Amberg, Germany

declares that the product:
Product Name: SIMATIC 505 System

Model Numbers:

505-ATM-4120	555-1103	505-3516	505-4216-A	505-4516	505-4916	505-5518	505-6516	505-7016 505-7028
505-CP-1434TF	555-1104	505-3532	505-4232-A	505-4532	505-4932	505-6010	505-6660	505-7038
525-1102	555-1105	505-3708	505-4308	505-4608	505-4908-A	505-6011	505-6660-A	505-7101
525-1104	555-1106	505-3716	505-4316-A	505-4616	505-4916-A	505-6108-A	505-6663	505-7190
535-1212	505-2571	505-3732	505-4317	505-4632	505-4932-A	505-6202	505-6830	505-7201
545-1101	505-2555-A	505-4008-A	505-4319	505-4708	505-5100	505-6204	505-6840	505-7202
545-1102	505-2556	505-4016-A	505-4332	505-4716	505-5103	505-6208-A	505-6850-A	505-7339
545-1103	505-2557	505-4032-A	505-4408	505-4732	505-5184	505-6308	505-6851-A	505-7340
545-1104	505-2580	505-4108	505-4408-A	505-4808	505-5190	505-6408	505-6860	505-7354
545-1111	505-2590-A	505-4116	505-4416-A	505-4816	505-5417	505-6504	505-7002	505-7510
555-1101	505-CP2572	505-4132	505-4432-A	505-4832	505-CP5434-FMS	505-6508	505-7003	505-9201
555-1102	505-3508	505-4208-A	505-4508	505-4908	505-CP5434-DP	505-6511	505-7012	505-9202

complies with
EMC Directive: **EN55011: 1991 Class A**
EN 50082-2: 1995

The products listed above comply with the requirements of the EMC Directive 89/336/EEC intended for use in industrial environments when installed in accordance with User Manual specifications and when installed in a grounded NEMA 12 or better metal cabinet.

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Technical Specifications

Power supply units				
Type	**PPX:**	**505-6660**	**505-6660-A/B**	**505-6663/-A**
Input voltage				
Rated value		85 to 132 V AC 170 to 264 V AC	85 to 132 V AC 170 to 264 V AC	20 to 30 V DC
Output power				
Rated value		60 W	60 W	60 W
Galvanic isolation		yes	yes	yes
Short-circuit protection		yes	yes	yes
Redundant		yes	yes	no

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Ordering data	Order No.
Central units	
545	
96 Kbyte memory, PROFIBUS-DP port 1024 digital/1024 analog I/O's	**PPX: 545-1103**
192 Kbyte memory, PROFIBUS-DP 2048 digital /1024 analog I/Os	**PPX: 545-1104**
555	
384 Kbyte memory, PROFIBUS-DP 8192 digital/8192 analog I/Os	**PPX: 555-1103**
1840 Kbyte memory, PROFIBUS-DP 8192 digital/8192 analog I/Os	**PPX: 555-1104**
384 Kbytes memory, PROFIBUS-DP Powermath™, SmarTune™ 8192 digital/8192 analog I/Os	**PPX: 555-1105**
1800 Kbytes memory, PROFIBUS-DP Powermath™, SmarTune™ 8192 digital/8192 analog I/Os	**PPX: 555-1106**
525/535	
2KW cpu board	**PPX: 525-1102**
4KW cpu board	**PPX: 525-1104**
12KW cpu board	**PPX: 535-1212**
Manuals (English)	
525/535/545/555	
Hardware for 525/535	**PPX: 505-8103**
545/555 Rel 3.1 System	**PPX: 545/555-8101-2**
545-1101 System	**PPX: 545-8101-4**
Technical product description for 545	**PPX: 545-8103-3**
Programming reference manual Rel 3.1	**PPX: 505-8104-5**
505 Redundant I/O User Manual	**PPX: 505-8125-2**
545/555/575 system manual Rel. 4.0+	**PPX: 505-8201-1**
545/555/575 program reference manual Rel. 4.0+	**PPX: 505-8204-1**
Power supply units	
525/535/545/555	
85 to 132/ 170 to 264 V AC	**PPX: 505-6660**
85 to 132/ 170 to 264 V AC, redundant	**PPX: 505-6660-A/B**
20 to 30 V DC, redundant	**PPX: 505-6663/-A**
I/O communications	
I/O channel controller (IOCC)	**PPX: 505-6830**
Distributed base controller (DBC)	**PPX: 505-6840**
Remote channel controller (RCC), coaxial w/modems	**PPX: 560-2126-B**
Remote channel controller (RCC), w/485 comm shielded twisted-pair	**PPX: 560-2127-B**
Remote base controller (RBC), RF mode	**PPX: 505-6850-A**
Remote base controller (RBC), RS485 mode	**PPX: 505-6851-A**
RF/RS-485 I/O Channel Converter	**PPX: 505-6860**
Remote Base Controller, PROFIBUS DP	**PPX: 505-6870**
PROFIBUS DP Annex (for 545-1103, 575-2104/2105/2106)	**PPX: 505-CP5434-DP**
I/O modules	
Digital Input modules	
16 inputs, isolated 120vac	**PPX: 505-2580**
8 inputs, floating, 20 to 56 V AC	**PPX: 505-4008-A**
16 inputs, floating, 20 to 56 V AC	**PPX: 505-4016-A**
32 inputs, floating, 20 to 56 V AC	**PPX: 505-4032-A**
8 inputs, floating, 4 to 15 V DC	**PPX: 505-4108**
16 inputs, floating, 4 to 15 V DC	**PPX: 505-4116**
32 inputs, floating, 4 to 15 V DC	**PPX: 505-4132**
8 inputs, floating, 79 to 132 V AC	**PPX: 505-4208-A**
16 inputs, floating, 79 to 132 V AC	**PPX: 505-4216-A**
32 inputs, floating, 79 to 132 V AC	**PPX: 505-4232-A**
8 inputs, floating, 14 to 30 V DC	**PPX: 505-4308**
16 inputs, floating, 14 to 30 V DC	**PPX: 505-4316-A**
32 inputs, floating, 14 to 30 V DC	**PPX: 505-4332**
8 inputs, floating, 164 to 256 V AC	**PPX: 505-4408-A**
16 inputs, floating, 164 to 256 V AC	**PPX: 505-4416-A**
32 inputs, floating, 164 to 256 V AC	**PPX: 505-4432-A**
Digital output modules	
16 outputs, isolated 120vac	**PPX: 505-2590-A**
8 outputs, floating, 4.5 to 34 V DC	**PPX: 505-3508**
16 outputs, floating, 4.5 to 34 V DC	**PPX: 505-3516**
32 outputs, floating, 4.5 to 34 V DC	**PPX: 505-3532**
8 outputs, floating, 4.5 to 34 V DC	**PPX: 505-3708**
16 outputs, floating, 4.5 to 34 V DC	**PPX: 505-3716**
32 outputs, floating, 4.5 to 34 V DC	**PPX: 505-3732**
8 outputs, floating, 4.5 to 34 V DC	**PPX: 505-4508**
16 outputs, floating, 4.5 to 34 V DC	**PPX: 505-4516**
32 outputs, floating, 4.5 to 34 V DC	**PPX: 505-4532**
8 outputs, floating, 20 to 132 V AC	**PPX: 505-4608**
16 outputs, floating, 20 to 132 V AC	**PPX: 505-4616**
32 outputs, floating, 20 to 132 V AC	**PPX: 505-4632**
8 outputs, floating, 4.5 to 34 V DC	**PPX: 505-4708**
16 outputs, floating, 4.5 to 34 V DC	**PPX: 505-4716**
32 outputs, floating, 4.5 to 34 V DC	**PPX: 505-4732**
8 outputs, floating, 85 to 256 V AC	**PPX: 505-4808**
16 outputs, floating, 85 to 256 V AC	**PPX: 505-4816**
32 outputs, floating, 85 to 256 V AC	**PPX: 505-4832**
Relay output modules	
8 outputs, 20 to 265 V AC, 4.5 to 30 V DC	**PPX: 505-4908**
16 outputs, 20 to 265 V AC, 4 5 to 30 V DC	**PPX: 505-4916-A**
16 outputs, 10 to 125 V AC, 0 to 120 V DC	**PPX: 505-5417**
32 outputs, 20 to 265 V AC, 4.5 to 30 V DC	**PPX: 505-4932-A**
High current	**PPX: 505-5518**
Manual Digital I/O modules	**PPX: 505-8105-2**
Analog Input modules	
8 inputs, floating 0 to 5 V, -5 to +5 V	**PPX: 505-6108-A**
Manual, analog module	**PPX: 505-8105-2**
16 analog inputs, differential	**PPX: 505-2555**
Manual, differential analog	**PPX: 505-8130-1**
Analog Output modules	
8 outputs, floating, 24 V DC	**PPX: 505-6208-A**
Manual	**PPX: 505-8105-2**
Advanced Featured Analog Input modules	
16 analog inputs, differential	**PPX: 505-2555**
16 thermocouple inputs	**PPX: 505-2556**
16 RTD inputs	**PPX: 505-2557**
Manual 505-2555	**PPX: 505-8130-1**
Manual 505-2556	**PPX: 505-8133-1**
Manual 505-2557	**PPX: 505-8134-1**

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Ordering data	Order No.
Analog Input/output module	**PPX: 505-7012**
8 inputs, 0 to 10 V, 0 to 50 mV 4 outputs, 0 to 10 V 8In/4Out Bipolar	**PPX: 505-7016**
User's manual	**PPX: 505-8110-2**
Mounting racks (bases)	
525/535/545/555	
4 slots, 128 I/O points	**PPX: 505-6504**
8 slots, 256 I/O points	**PPX: 505-6508**
11 slots, 352 I/O points, redundant	**PPX: 505-6511**
16 slots, 512 I/O points	**PPX: 505-6516**
Special modules	
Thermocouple/RTD modules	
8 inputs, -50 to +50 mV, thermocouple	**PPX: 505-7028**
8 inputs, -50 to +50 mV, RTD	**PPX: 505-7038**
Calibration connector, T/C	**PPX: 2587705-8009**
Users manuals, thermocouple	**PPX: 505-8111-3**
Manual for RTD	**PPX: 505-8114**
Word input/out modules	
TTL, CMOS, up to 28 V DC input	**PPX: 505-6308**
TTL, CMOS, DC output	**PPX: 505-6408**
Simulator Modules	
32 inputs, 32 LEDs	**PPX: 505-6010**
32 outputs, 32 LEDs	**PPX: 505-6011**
Isolated Interrupt input module	
16 channel, 8 channel interrupt, 24 V DC	**PPX: 505-4317**
16 channel, 8 channel interrupt, 48 V DC	**PPX: 505-4318**
16 channel, 8 channel interrupt, 125 V DC	**PPX: 505-4319**
Manual, isolated interrupt	**PPX: 505-8123-1**
High speed counter & encoding module 4 inputs, 4 outputs, 50 kHz counting speed, 4 to 28 V DC	**PPX: 505-7002**
Manual, high speed counter	**PPX: 505-8113-2**
Very high speed counter & encoding module 4 inputs, 4 outputs, 100 kHz counting speed, 4 to 28 V DC	**PPX: 505-7003**
Manual, very high speed counter	**PPX: 505-8127-1**
Basic module 2 (RS 232 C/423) Interfaces, 28 Kbyte memory, 110 to 19,200 baud rate	**PPX: 505-7101**
Battery for memory backup	**PPX: 2587678-8010**
EEPROM for basic program	**PPX: 2587681-8028**
Manual, basic module	**PPX: 505-8101-2**
386/ATM module comprising CPU 80C386SX, 4 Mbyte RAM, 40 Mbyte hard disk, 8 or 16 MHz operation, MS-DOS 3.3	**PPX: 505-ATM-4120**
Battery for memory backup	**PPX: 2587678-8010**
Users manual	**PPX: 505/ATM-MANL-3**
Turbo Plastic module 5 analog inputs, 0 to +5 / 0 to +10 V DC 4 analog outputs, -10 to +10 V DC 4 digital output, 15 to +24 V DC	**PPX: 505-5100**
Manual	**PPX: 505-8117-2**
Turbo Parison module 4 digital / 5 analog inputs, 4 digital / 5 analog outputs	**PPX: 505-5103**
Manual	**PPX: 505-8118-1**

	Order No.
Program Port Expander	
4 serial port expander	**PPX: 505-2571**
Manual	**PPX: 505-8131-1**
Programming Tools	
505 TISOFT programming software	**PPX: PC505-6263**
505 TISOFT upgrade rel. 6.1	**PPX: PC505-UPG63**
Manual for 505 TISOFT rel. 6.1	**PPX: TS505-8101-7**
Programming Reference for CPU rel. 3.1	**PPX: 505-8104-5**
Programming Reference for CPU Rel 4.0	**PPX: 505-8204-1**
Comm ET200 Distributed I/O User Manual	**PPX: 505-8206-1**
555-1101, 1102 Rel 3.1 Firmwr Upg for RBE	**PPX: 2587681-8035**
RCC S/W Rel 3.52	**PPX: 2587695-8029**
RCC (ASIC) S/W Rel. 4.52	**PPX: 2587695-8030**
505/500 "-A" RBC Rel 3.0 Upgr	**PPX: 2587695-8034**
505-7201 Upg., Rel 3.2 no Manual	**PPX: 2587695-8038**
545 CPU Rel 2.1.1 Firm Upg Kit	**PPX: 2601099-8005**
545-1102 Rel 3.1 Firmware Upg	**PPX: 2601099-8006**
Rel 3.2 Upgr Kit for 505-5184	**PPX: 2601438-8009**
Accessories	
Cable, 545/555 programming	**PPX: 2601094-8001**
Interface adapters	
to 7MT I/Os	**PPX: 505-7190**
User manual	**PPX: 505-8115-2**
to 6MT I/Os	**PPX: 505-5190**
User manual	**PPX: 505-8116-1**
Field interface module to SIMOREG & SIMOVERT & ET200	**PPX: 505-7202**
User manual Rel 3.3	**PPX: 505-8124-5**
Connectors for I/O modules	
Side access, 1 piece	**PPX: 2587705-8010**
Front access, 1 piece	**PPX: 2587705-8011**
Battery for 525/560/565 CPUs & 545-1101	**PPX: 2587678-8005**
Batt 545-1103, 1104, 555-1103, 1104	**PPX: 2587678-8010**
EPROM	
8 x 32 Kbytes, for 525/535 CPU	**PPX: 2587681-8012**
8 x 32 Kbytes, for 525/535 CPU	**PPX: 2587681-8020**
EEPROM	
8 x 128 Kbytes, for 545 or 555	**PPX: 2587681-8022**
545 or 555 User EE Prom 8x256 Kbytes	**PPX: 2587681-8030**
Fuses	
Kit, 3 A/125 V, 5 pack, for 505-45xx	**PPX: 2587679-8012**
Kit, 3 A/250 V, 5 pack, for 505-48xx	**PPX: 2587679-8013**
Kit, 3 A/250 V, 5 pack, for 505-46xx	**PPX: 2587679-8014**
Kit, 3 A/250 V, 5 pack, for 505-6660	**PPX: 2587679-8015**
505 Fuse holder for power supply	**PPX: 2587704-8001**
Screws, 10 pack, for 505 base	**PPX: 2587705-8001**
Blank bazels single width, 5 pieces, for base	**PPX: 2587705-8003**
Manual for I/O Modules 505	**PPX: 505-8105-2**
Programming manual for 505/500	
English, all CPUs prior to PROFIBUS DP	**PPX: 505-8104-5**
Manual SPF Programming	**PPX: 2592901-0008**
User Manual, 505 Redundant I/O	**PPX: 505-8125-2**

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