

**SIEMENS**  
PG L

PG L51

## **SPPA-T3000 Equipment Catalog - Table of Contents Release 2**

Issue date:  
2006-02-15

Document code:  
8074.04 & EAA / 1

User interface

Client products

|                    |   |                                              |              |       |
|--------------------|---|----------------------------------------------|--------------|-------|
| 6DU100_-_AA00-0C_0 | 0 | Standard Client FSC Workstation CELSIUS M430 | Siemens PG L | GUAAC |
| 6DU100_-_AA00-0D_0 | 0 | Thin Client FSC CELSIUS M440                 | Siemens PG L | GUAAD |

Accessories

|                                                          |   |                                      |   |       |
|----------------------------------------------------------|---|--------------------------------------|---|-------|
| no component available<br>/Keine Komponente<br>verfügbar | 0 | No component available at this time. | ? | GUZZZ |
|----------------------------------------------------------|---|--------------------------------------|---|-------|

|                    |                  |              |        |
|--------------------|------------------|--------------|--------|
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## Power services

### Application server

#### ftServer 4300

|                   |   |                                                      |              |       |
|-------------------|---|------------------------------------------------------|--------------|-------|
| 6DU1120-AA__-0C_0 | 1 | Application Server (Windows), ft4300, 3.2 GHz, Tower | Siemens PG L | GUCAG |
| 6DU1121-AA__-0C_0 | 1 | Application Server (Windows), ft4300, 3.2 GHz, Rack  | Siemens PG L | GUCAH |

#### Accessories 4300

|          |   |                                      |         |       |
|----------|---|--------------------------------------|---------|-------|
| AK438    | 0 | USB Floppy Disk Drive Kit            | Stratus | GUHHD |
| AK438-P  | 0 | External USB Floppy Disk Drive Kit   | Stratus | GUHHE |
| AS000399 | 0 | 550W Power Supply Assy               | Stratus | GUHNA |
| D552-P   | 0 | ftServer rewrite-able optical device | Stratus | GUHHG |
| D643     | 0 | 74GB 3.5 10K RPM SATA (D643)         | Stratus | 01164 |
| D643-P   | 0 | 74GB 3.5 10K RPM SATA Disk Drive     | Stratus | GUHHF |
| M231     | 0 | 1GB DDR-2 Memory DIMM (M231)         | Stratus | 01168 |
| M231-P   | 0 | 1GB DDR-2 Memory DIMM                | Stratus | GUHJE |
| V115-P   | 0 | USB Keyboard & Mouse                 | Stratus | GUHBE |

#### Non ftServer

|                   |   |                                                                 |              |       |
|-------------------|---|-----------------------------------------------------------------|--------------|-------|
| 6DU1130-AA__-0B_0 | 1 | Application Server, non-ft, FSC Primergy TX300 S2 3.2GHz, Tower | Siemens PG L | GUCBA |
| 6DU1131-AA__-0B_0 | 1 | Application Server, non-ft, FSC Primergy RX300 S2 3.2GHz, Rack  | Siemens PG L | GUCBB |

#### Accessories

|        |   |                                  |    |       |
|--------|---|----------------------------------|----|-------|
| C5687C | 1 | External DDS-4 tape drive non-ft | HP | GUFGD |
|--------|---|----------------------------------|----|-------|

## Automation server

### S7-CPU

|                    |   |                                                                  |         |       |
|--------------------|---|------------------------------------------------------------------|---------|-------|
| 6ES7414-3XJ04-0AB0 | 0 | S7-400 CPU 414-3                                                 | Siemens | GGMAB |
| 6ES7414-4HJ04-0AB0 | 0 | S7-400H CPU 414-4H-4                                             | Siemens | GGMAM |
| 6ES7416-2XK04-0AB0 | 0 | S7-400 CPU 416-2                                                 | Siemens | GGMAE |
| 6ES7416-3XL04-0AB0 | 0 | S7-400 CPU 416-3                                                 | Siemens | GGMAF |
| 6ES7417-4HL01-0AB0 | 0 | S7-400H CPU 417-4H                                               | Siemens | GGMAK |
| 6ES7417-4HL04-0AB0 | 0 | S7-400H CPU 417-4H, 20 MB                                        | Siemens | GGMAL |
| 6ES7417-4XL00-0AB0 | 0 | S7-400 CPU 417-4                                                 | Siemens | GGMAG |
| 6ES7417-4XL04-0AB0 | 0 | S7-400 CPU 417-4, 20 MB                                          | Siemens | GGMAH |
| 6ES7654-1JE57-0XX0 | 0 | PCS7 Automation System AS 416-2, 4 MB, AC 120/230 V, 9 Slots     | Siemens | GGSKM |
| 6ES7654-1KF57-0XX0 | 0 | PCS7 Automation systems AS 416-3, 8 MB, AC 120/230 V, 9 Slots    | Siemens | GGSKK |
| 6ES7654-1LE57-0XX0 | 0 | PCS7 Automation system AS417-4 , AC 120/230 V, 9 slots, 4 MB     | Siemens | GGSLK |
| 6ES7654-1QD57-0XX0 | 0 | PCS7 Automation system AS414-3, 2 MB, AC 120/230 V, 9 Slots      | Siemens | GGSJF |
| 6ES7654-2ND67-0XC0 | 0 | PCS7 Automation system AS 414-4-2H, 2 MB, AC 120/230V, 2x9 Slots | Siemens | GGSMK |
| 6ES7654-2PE67-0XC0 | 0 | PCS7 AS417-4-2H, AC 120/230V, 2x9 slots, 4 MB                    | Siemens | GGSNK |
| 6ES7654-4JE57-0XX0 | 0 | PCS7 Automation System AS 416-2, 4 MB, DC 24V, 9 Slots           | Siemens | GGSKL |
| 6ES7654-4KF57-0XX0 | 0 | PCS7 Automation systems AS 416-3, 8 MB, DC 24V, 9 Slots          | Siemens | GGSKJ |
| 6ES7654-4LE57-0XX0 | 0 | PCS7 Automation system AS417-4, DC 24 V, 9 slots, 4 MB           | Siemens | GGSLI |
| 6ES7654-4ND67-0XC0 | 0 | PCS7 Automation system AS 414-4-2H, 2 MB, DC 24V, 2x9 Slots      | Siemens | GGSMJ |
| 6ES7654-4PE67-0XC0 | 0 | PCS7 AS 417-4-2H, DC 24 V, 2x9 slots, 4 MB                       | Siemens | GGSNM |
| 6ES7654-4QD57-0XX0 | 0 | PCS7 Automation system AS414-3, 2 MB, DC 24 V, 9 Slots           | Siemens | GGSJE |
| 6ES7952-1AL00-0AA0 | 0 | S7-400 Memory Card RAM, 2 MByte                                  | Siemens | GGMBF |
| 6ES7952-1AM00-0AA0 | 0 | S7-400 Memory Card RAM, 4 MByte                                  | Siemens | GGMBE |
| 6ES7952-1AP00-0AA0 | 0 | S7-400 Memory Card RAM, 8 MByte                                  | Siemens | GGMBA |
| 6ES7952-1AS00-0AA0 | 0 | S7-400 Memory Card RAM, 16 MByte                                 | Siemens | GGMBB |
| 6ES7960-1AA00-0XA0 | 0 | S7-400H Sync-Modul                                               | Siemens | GGMAN |
| 6ES7960-1AA00-5AA0 | 0 | S7-400H, Synch FO 1 M                                            | Siemens | GGQDA |
| 6ES7960-1AA04-0XA0 | 0 | S7-400H Sync-Module                                              | Siemens | GGMAP |
| 6ES7960-1AA04-5AA0 | 0 | S7-400H, Patch cable FO 1M for Sync-module                       | Siemens | GGQDB |
| 6GK7443-1EX11-0XE0 | 0 | Industrial Ethernet Communication module CP 443-1                | Siemens | JFEBE |

### S7-CPU Accessories

|                    |   |                                                            |         |       |
|--------------------|---|------------------------------------------------------------|---------|-------|
| 6DD1607-0AA1       | 0 | S7-400 FM458-1 DP APPLICATION MODULE FOR SIMATIC S7-400    | Siemens | GGPBA |
| 6DD1607-0EA0       | 0 | S7-400, COMMUNICATION EXPANSION MODULE EXM 448 FOR FM 458  | Siemens | GGPBF |
| 6ES7400-1JA01-0AA0 | 0 | S7-400, UR2 Rack, centralized and distributed with 9 slots | Siemens | GGQAE |

|                          |                                                                               |                       |               |           |
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|--------------------|------|-------------------------------------------------------------------------|--------------|--------|
| 6ES7400-2JA00-0AA0 | 0    | S7-400H, UR2-H Rack, centralized and distributed with 2x9 slots         | Siemens      | GGQAF  |
| 6ES7405-0KA01-0AA0 | 0    | S7-400 Power supply PS 405; 24/48/60 V DC, 10A                          | Siemens      | GGMEB  |
| 6ES7407-0KA01-0AA0 | 0    | S7-400 Power supply PS 407; 120/230 V UC, 10A                           | Siemens      | GGMEF  |
| 6ES7953-8LM11-0AA0 | 0    | MICRO MEMORY CARD F. S7-300/C7/ET 200S IM151 CPU 3,3 V NFLASH, 4 MBYTES | Siemens      | GGEEP  |
| 6ES7971-0BA00      | 0    | S7-400, Backup battery 3.6 V/1.9 AH                                     | Siemens      | GGQEA  |
| 6GK7443-5DX04-0XE0 | 1    | PROFIBUS Communications processor CP443-5 Extended for S7-400           | Siemens      | JCEBE  |

### CM104

|                    |   |                        |              |       |
|--------------------|---|------------------------|--------------|-------|
| 6DU1160-1AA00-0AA0 | 0 | CM104 MODBUS INTERFACE | Siemens PG L | GUBGA |
| 6DU1160-2AA00-0AA0 | 0 | CM104 CS275 INTERFACE  | Siemens PG L | GUBGB |

### Accessories CM104

### Connectivity products

#### OPC Interface

|                                                          |   |                                      |   |       |
|----------------------------------------------------------|---|--------------------------------------|---|-------|
| no component available<br>/Keine Komponente<br>verfügbar | 0 | No component available at this time. | ? | GUZZZ |
|----------------------------------------------------------|---|--------------------------------------|---|-------|

### Modbus

|                    |   |                           |              |       |
|--------------------|---|---------------------------|--------------|-------|
| 6DU1220-0AA00-0AB0 | 0 | Modbus to Ethernet Bridge | Siemens PG L | GUJBA |
|--------------------|---|---------------------------|--------------|-------|

Networks

Industrial ethernet

Electrical network

|               |   |                                                |         |       |
|---------------|---|------------------------------------------------|---------|-------|
| 6GK1105-3AA10 | 0 | SIMATIC NET Electrical Switch Module ESM ITP80 | Siemens | JFAHJ |
| 6GK1105-3AB10 | 0 | SIMATIC NET Electrical Switch Module ESM TP80  | Siemens | JFAHK |

Optical network

|               |   |                                             |         |       |
|---------------|---|---------------------------------------------|---------|-------|
| 6GK1105-2AA10 | 0 | SIMATIC NET Optical Switch Module OSM ITP62 | Siemens | JFAHA |
| 6GK1105-2AB10 | 0 | SIMATIC NET Optical Switch Module OSM TP62  | Siemens | JFAHB |

Cables and connectors

|                |   |                                                                         |         |       |
|----------------|---|-------------------------------------------------------------------------|---------|-------|
| 6EP1333-2BA00  | 0 | SITOP power standard 24 V/5 A, single-phase input, 120/230 V AC         | Siemens | SNAAG |
| 6EP1334-2BA00  | 0 | SITOP power standard 24 V/10 A, single-phase input, 120/230 V AC        | Siemens | SNAAL |
| 6ES5710-8MA11  | 0 | SIMATIC, STAND. SECTIONAL RAIL WIDTH 35MM, LENGTH 483MM                 | Siemens | GAKAA |
| 6ES5710-8MA21  | 0 | SIMATIC, STAND. SECTIONAL RAIL WIDTH 35MM, LENGTH 530MM                 | Siemens | GAKAB |
| 6ES5710-8MA31  | 0 | SIMATIC, STAND. SECTIONAL RAIL WIDTH 35MM, LENGTH 830MM                 | Siemens | GAKAC |
| 6ES5710-8MA41  | 0 | SIMATIC, STAND. SECTIONAL RAIL WIDTH 35MM, LENGTH 2M                    | Siemens | GAKAD |
| 6XV1820-5B____ | 0 | SIMATIC NET, FIBER OPTIC CABLE STANDARD CABLE, SPLITTABLE, PREASSEMBLED | Siemens | JCBBA |
| 6XV1850-0B____ | 0 | ITP Standard cable 9/15 for Industrial Ethernet, preassembled           | Siemens | JFBAN |
| 6XV1850-0D____ | 0 | ITP XP Standard cable 15/15 for Industrial Ethernet, preassembled       | Siemens | JFBAQ |
| 6XV1850-2E____ | 0 | TP XP Converter cord 15/RJ45 for Industrial Ethernet, preassembled      | Siemens | JFBBA |
| 6XV1850-2G____ | 0 | TP Cord RJ45/RJ45 for Industrial Ethernet, preassembled                 | Siemens | JFBBB |
| 6XV1850-2H____ | 0 | TP XP Cord RJ45/RJ45 for Industrial Ethernet, preassembled              | Siemens | JFBBC |
| 6XV1850-2J____ | 0 | TP Cord 9/RJ45 for Industrial Ethernet, preassembled                    | Siemens | JFBBD |
| 6XV1850-2L____ | 0 | TP XP Cord 15/RJ45 for Industrial Ethernet, preassembled                | Siemens | JFBBE |
| 6XV1850-2M____ | 0 | TP XP Cord 9/RJ45 for Industrial Ethernet, preassembled                 | Siemens | JBBBF |
| 6XV1850-2NH10  | 0 | TP Cord 9-45/RJ45 for Industrial Ethernet, preassembled                 | Siemens | JBBBG |
| 6XV1850-2PH10  | 0 | TP XP Cord 9-45/RJ45 for Industrial Ethernet, preassembled              | Siemens | JBBBH |
| 6XV1850-2RH10  | 0 | TP XP Cord 9/9 for Industrial Ethernet, preassembled                    | Siemens | JBBBJ |
| 6XV1850-2SE50  | 0 | TP XP Cord 15/RJ45 for Industrial Ethernet, preassembled, 0,5 m         | Siemens | JBBBK |

Router

|            |   |                                                                                |            |       |
|------------|---|--------------------------------------------------------------------------------|------------|-------|
| 943680-001 | 0 | M-FAST 8TP-RJ Media module for installation in the MACH 3001 or MACH 3002/3005 | Hirschmann | JFAPC |
| 943681-001 | 0 | M-FAST 8MM-MT Media module for installation in the MACH 3001 or MACH 3002/3005 | Hirschmann | JFAPB |
| 943714-001 | 0 | Industrial Networking:Industrial Ethernet:MACH 3000:Router Module              | Hirschmann | JFAPD |
| 943739-001 | 0 | Mach 3001, Modular Gigabit switch with optional routing                        | Hirschmann | JFAPA |

Profibus

Electical network

|                    |   |                           |         |       |
|--------------------|---|---------------------------|---------|-------|
| 6ES7972-0AA01-0XA0 | 0 | SIMATIC DP RS485 Repeater | Siemens | GGBAM |
| 6ES7972-0DA00-0AA0 | 0 | SIMATIC DP RS485 Resistor | Siemens | GGBAP |

Optical network

|               |   |                                           |         |       |
|---------------|---|-------------------------------------------|---------|-------|
| 6GK1502-2CA10 | 0 | OLM/P11 for PROFIBUS; Plasic FO interface | Siemens | JCAGH |
| 6GK1502-2CB10 | 0 | OLM/G11 for PROFIBUS; Glass FO interface  | Siemens | JCAGJ |
| 6GK1502-3CA10 | 0 | OLM/P12 for PROFIBUS; Plasic FO interface | Siemens | JCAGL |
| 6GK1502-3CB10 | 0 | OLM/G12 for PROFIBUS; Glass FO interface  | Siemens | JCAGM |

Cables and connectors

|                    |   |                                                       |         |       |
|--------------------|---|-------------------------------------------------------|---------|-------|
| 6ES7972-0BA12-0XA0 | 0 | SIMATIC DP RS 485 Bus connector 90° without PG socket | Siemens | GGBBA |
| 6ES7972-0BA41-0XA0 | 0 | SIMATIC DP RS 485 Bus connector 35° without PG socket | Siemens | GGBBE |
| 6ES7972-0BB12-0XA0 | 0 | SIMATIC DP RS 485 Bus connector 90° with PG socket    | Siemens | GGBBB |
| 6ES7972-0BB41-0XA0 | 0 | SIMATIC DP RS 485 Bus connector 35° with PG socket    | Siemens | GGBBF |
| 6GK1500-0FC00      | 0 | SIMATIC NET, PB FC RS 485 PLUG 180                    | Siemens | JCAFF |

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|--------------------|------|-------------------------------------------------------------------------|--------------|--------|
| 6XV1820-5B____     | 0    | SIMATIC NET, FIBER OPTIC CABLE STANDARD CABLE, SPLITTABLE, PREASSEMBLED | Siemens      | JCBBA  |
| 6XV1821-0B____     | 0    | SIMATIC NET, PROFIBUS PLASTIC FIBER OPTIC, STANDARD CABLE               | Siemens      | JCB CD |
| 6XV1830-0EH10      | 0    | SIMATIC NET, PB FC STANDARD, BUS CABLE, sold by the meter               | Siemens      | JCBAA  |

Process data links

Modbus

|                    |   |                                                                                |         |       |
|--------------------|---|--------------------------------------------------------------------------------|---------|-------|
| 6ES7341-1AH01-0AE0 | 0 | SIMATIC S7-300 CP 341 communications processor, interface RS 232C (V.24)       | Siemens | GGEDE |
| 6ES7341-1BH01-0AE0 | 0 | SIMATIC S7-300 CP 341 communications processor, interface 20 mA (TTY)          | Siemens | GGEDF |
| 6ES7341-1CH01-0AE0 | 0 | SIMATIC S7-300 CP 341 communications processor, interface RS 422/RS 485 (X.27) | Siemens | GGEDG |

|                    |                  |              |        |
|--------------------|------------------|--------------|--------|
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## Process interfaces

### Profibus

#### Standard IOs

|                    |   |                                                                               |         |        |
|--------------------|---|-------------------------------------------------------------------------------|---------|--------|
| 6AG1321-1CH20-2AA0 | 0 | S7-300 SIPLUS Digital Input Module SM 321; DI 16 × 48 - 125 V DC              | Siemens | GGFAN  |
| 6AG1323-1BH01-2AA0 | 0 | S7-300 SIPLUS Digital Input/Output Module SM 323; DI 8/DO 8 x 24 VDC/0.5 A    | Siemens | GGFCK  |
| 6ES7153-2AA02-0XB0 | 0 | S7 ET200M IM 153-2 interface module                                           | Siemens | GGAAB  |
| 6ES7153-2AR00-0XA0 | 0 | S7 ET200M IM 153-red interface bundle                                         | Siemens | GGAAD  |
| 6ES7153-2AR01-0XA0 | 0 | S7 ET200M IM 153 Red-Bundle with IM 153-2 High Feature                        | Siemens | GGA AH |
| 6ES7153-2BA00-0XB0 | 0 | S7 ET200M IM 153-2 HIGH FEATURE interface module                              | Siemens | GGAAG  |
| 6ES7321-1BH02-0AA0 | 0 | S7-300 Digital Input Module SM 321; DI 16 x 24 V DC                           | Siemens | GGFAB  |
| 6ES7321-1BL00-0AA0 | 0 | S7-300 Digital Input Module SM 321; DI 32 x 24 V DC                           | Siemens | GGFAA  |
| 6ES7321-1CH20-0AA0 | 0 | S7-300 Digital Input Module SM 321; DI 16 × 48 - 125 V DC                     | Siemens | GGFAG  |
| 6ES7321-1FH00-0AA0 | 0 | S7-300 Digital Input Module SM 321; DI 16 x 120/230 V AC                      | Siemens | GGFAE  |
| 6ES7321-7BH01-0AB0 | 0 | S7-300 Digital Input Module SM 321; DI 16 x 24 V DC; diag                     | Siemens | GGFAD  |
| 6ES7322-1BH01-0AA0 | 0 | S7-300 Digital Output Module SM 322; DO 16 x 24 VDC/ 0.5 A                    | Siemens | GGFBB  |
| 6ES7322-1BL00-0AA0 | 0 | S7-300 Digital Output Module SM 322; DO 32 x 24 VDC/ 0.5 A                    | Siemens | GGFBA  |
| 6ES7322-1HF01-0AA0 | 0 | S7-300 Digital Output Module SM 322; DO 8 x Rel. 230 VAC                      | Siemens | GGFBG  |
| 6ES7322-1HF10-0AA0 | 0 | S7-300 Digital Output Module SM 322; DO 8 x Rel. 230 VAC/5 A                  | Siemens | GGFBJ  |
| 6ES7323-1BH01-0AA0 | 0 | S7-300 Digital Input/Output Module SM 323; DI 8/DO 8 x 24 VDC/0.5 A           | Siemens | GGFCB  |
| 6ES7323-1BL00-0AA0 | 0 | S7-300 Digital Input/Output Module SM 323; DI 16/DO 16 x 24 VDC/0.5 A         | Siemens | GGFCA  |
| 6ES7326-1BK00-0AB0 | 0 | S7-300 Fail-safe Digital Input Module SM326; DI 24 x 24 V                     | Siemens | GGJCA  |
| 6ES7326-1RF00-0AB0 | 0 | S7-300 Fail-safe Digital Input Module SM326; DI 8 x NAMUR                     | Siemens | GGJCE  |
| 6ES7326-2BF01-0AB0 | 0 | S7-300 Fail-safe Digital Output Module SM326; DO 10 x 24V/2A                  | Siemens | GGJCJ  |
| 6ES7326-2BF40-0AB0 | 0 | S7-300 Fail-safe Digital Output Module SM326; DO 8 X DC 24V/2A P-M Sw up Cat4 | Siemens | GGJCK  |
| 6ES7331-7KB02-0AB0 | 0 | S7-300 Analog Input Module SM 331; AI 2 x 12 bits                             | Siemens | GGGAB  |
| 6ES7331-7KF02-0AB0 | 0 | S7-300 Analog Input Module SM 331; AI 8 x 12 bits                             | Siemens | GGGAA  |
| 6ES7331-7NF00-0AB0 | 0 | S7-300 Analog Input Module SM 331; AI 8 x 16 bits; higher resolution          | Siemens | GGGAD  |
| 6ES7331-7NF10-0AB0 | 0 | S7-300 Analog Input Module SM 331; AI 8 x 16 Bit                              | Siemens | GGGAJ  |
| 6ES7331-7PF01-0AB0 | 1 | S7-300 Analog Input Module SM 331; AI 8 x RTD                                 | Siemens | GGGAE  |
| 6ES7331-7PF11-0AB0 | 1 | S7-300 Analog Input Module SM 331; AI 8 x TC                                  | Siemens | GGGAF  |
| 6ES7331-7SF00-0AB0 | 0 | S7-300 Ex Analog Input Module SM 331; AI 8 x TC/4 x RTD                       | Siemens | GGHCB  |
| 6ES7332-5HD01-0AB0 | 0 | S7-300 Analog Output Module SM 332; AO 4 x 12 bits                            | Siemens | GGGBA  |
| 6ES7332-5HF00-0AB0 | 0 | S7-300 Analog Output Module SM 332; AO 8 x 12 bits                            | Siemens | GGGBE  |
| 6ES7336-1HE00-0AB0 | 0 | S7-300 Fail-safe Analog Input Module SM336; AI 6 x 13 bit                     | Siemens | GGJCP  |

#### Accessories

|                    |   |                                                                         |         |       |
|--------------------|---|-------------------------------------------------------------------------|---------|-------|
| 6ES7195-1GA00-0XA0 | 0 | SIMATIC DP, RAIL FOR ET 200M, 483 mm                                    | Siemens | GGABA |
| 6ES7195-1GC00-0XA0 | 0 | SIMATIC DP, RAIL FOR ET 200M, 2000 mm                                   | Siemens | GGABB |
| 6ES7195-1GF30-0XA0 | 0 | SIMATIC DP, RAIL FOR ET 200M, 530 mm                                    | Siemens | GGABC |
| 6ES7195-1GG30-0XA0 | 0 | SIMATIC DP, RAIL FOR ET 200M, 620 mm                                    | Siemens | GGABD |
| 6ES7195-7HA00-0XA0 | 0 | SIMATIC DP, BUS UNIT FOR ET200M (+PS)                                   | Siemens | GGABE |
| 6ES7195-7HB00-0XA0 | 0 | SIMATIC DP, BUS UNIT FOR ET200M                                         | Siemens | GGABF |
| 6ES7195-7HC00-0XA0 | 0 | SIMATIC DP ET 200M bus unit (one I/O submodule 80mm wide)               | Siemens | GGABG |
| 6ES7195-7HD10-0XA0 | 0 | SIMATIC DP, BUS UNIT FOR ET200M FOR INTEGRATING 2 IM153-2 RED.          | Siemens | GGABJ |
| 6ES7195-7HG00-0XA0 | 0 | S7 ET200M Separator Bus Module between F- and Standard Modules          | Siemens | GGABK |
| 6ES7195-7KF00-0XA0 | 0 | SIMATIC S7-300, Separator Module                                        | Siemens | GGJCT |
| 6ES7307-1BA00-0AA0 | 0 | S7-300 Power Supply Module PS307; AC 120/230 V; DC 24 V, 2 A, Standard  | Siemens | GGEBC |
| 6ES7307-1EA00-0AA0 | 0 | S7-300 Power Supply Module PS307; AC 120/230 V; DC 24 V, 5 A, Standard  | Siemens | GGEBC |
| 6ES7307-1KA01-0AA0 | 0 | S7-300 Power Supply Module PS307; AC 120/230 V; DC 24 V, 10 A, Standard | Siemens | GGEBC |
| 6ES7392-1AJ00-0AA0 | 0 | SIMATIC S7-300, front connector, 20-pin, screw                          | Siemens | GGKCA |
| 6ES7392-1AJ00-1AB0 | 0 | SIMATIC S7-300, front connector, 20-pin, screw, 100 pieces              | Siemens | GGKCS |
| 6ES7392-1AJ20-0AA0 | 0 | SIMATIC S7-300, front connector for 6ES7331-7SF00-0AB0                  | Siemens | GGKCR |
| 6ES7392-1AM00-0AA0 | 0 | SIMATIC S7-300, front connector, 40-pin, screw                          | Siemens | GGKCB |
| 6ES7392-1AM00-1AB0 | 0 | SIMATIC S7-300, front connector, 40-pin, screw, 100 pieces              | Siemens | GGKCT |
| 6ES7392-1BJ00-0AA0 | 0 | SIMATIC S7-300, front connector, 20-pin, spring                         | Siemens | GGKCP |
| 6ES7392-1BM01-0AA0 | 0 | SIMATIC S7-300, front connector, 40-pin, spring                         | Siemens | GGKCP |

#### Special IOs

|               |   |                                          |         |       |
|---------------|---|------------------------------------------|---------|-------|
| 6DL3100-8AC   | 0 | SIMATIC ADD7 Front End Module FEM native | Siemens | GGWAC |
| 6DL3100-8AC02 | 0 | SIMATIC ADD7 AddFEM POCO                 | Siemens | GGWAE |

|                          |                                                                               |                       |               |           |
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|--------------------|------|---------------------------------------------------------|--------------|--------|
| 6DL3100-8AC03      | 0    | SIMATIC ADD7 Front End Module AddFEM SOE                | Siemens      | GGWAF  |
| 6DL9200-8AA        | 0    | SIMATIC ADD7 SOE repeater                               | Siemens      | GGWAL  |
| 6DL9201-8AA        | 0    | SIMATIC ADD7 SOE repeater extension                     | Siemens      | GGWAM  |
| 6DL9900-8AA        | 0    | SIMATIC ADD7 AddFEM plug set                            | Siemens      | GGWAS  |
| 6DL9901-8AA        | 0    | SIMATIC ADD7 FO cable for AddFEM redundancy             | Siemens      | GGWAU  |
| 6DL9902-8A_        | 0    | SIMATIC ADD7 FO cable time server - SOE repeater        | Siemens      | GGWAV  |
| 6DL9903-8A_        | 0    | SIMATIC ADD7 FO cable SOE repeater - AddFEM SOE         | Siemens      | GGAWW  |
| 6ES5710-8MA11      | 0    | SIMATIC, STAND. SECTIONAL RAIL WIDTH 35MM, LENGTH 483MM | Siemens      | GAKAA  |

### FUM IOs

|               |   |                                                                                  |         |        |
|---------------|---|----------------------------------------------------------------------------------|---------|--------|
| 6DP1210-8BC   | 0 | TXP AS620 FUM 210 for binary signals / drive control / monitoring / signaling    | Siemens | GFBAH  |
| 6DP1230-8CC   | 0 | TXP AS620 FUM 230 RTC Analog transmitter signal conditioning module 0/4 to 20 mA | Siemens | GFBA A |
| 6DP1232-8BA   | 0 | TXP AS620 FUM232 conditioning module for temperature sensors (Pt100 and TC)      | Siemens | GFBA G |
| 6DP1280-8AB   | 0 | TXP AS620 FUM 280 Controller module for contin. closed-loop control, signal coup | Siemens | GFFAC  |
| 6DP1616-8AA   | 0 | SPPA-IM616 Interface module                                                      | Siemens | GFLAH  |
| 6DP9902-8BA00 | 1 | TXP AS620 Subrack EU 902 for FUM-B-Modules                                       | Siemens | GFREB  |

Software Products

Software CDs

|                                                          |   |                                      |   |       |
|----------------------------------------------------------|---|--------------------------------------|---|-------|
| no component available<br>/Keine Komponente<br>verfügbar | 0 | No component available at this time. | ? | GUZZZ |
|----------------------------------------------------------|---|--------------------------------------|---|-------|

SPPA-T3000 licenses

System licenses

|                    |   |                                                                               |              |       |
|--------------------|---|-------------------------------------------------------------------------------|--------------|-------|
| 6DU1410-0AA00-0AA0 | 0 | 6DU1410-0AA00-0AA0 Plant IO license (per configured hardware input or output) | Siemens PG L | GULAA |
| 6DU1410-0AA00-1AA0 | 0 | 6DU1410-0AA00-1AA0 Simulator I/O license                                      | Siemens PG L | GULAH |
| 6DU1411-0AA00-0AA0 | 0 | 6DU1411-0AA00-0AA0 Operating session license (per session)                    | Siemens PG L | GULAB |
| 6DU1411-1AA00-0AA0 | 0 | 6DU1411-1AA00-0AA0 Engineering session license (per session)                  | Siemens PG L | GULAC |
| 6DU1411-1AA00-1AA0 | 0 | 6DU1411-1AA00-1AA0 Architect engineer session license (per session)           | Siemens PG L | GULAE |
| 6DU1412-0AA00-0AA0 | 0 | 6DU1412-0AA00-0AA0 3rd party application software license (one per unit)      | Siemens PG L | GULAF |
| 6ES7658-1EX16-2YA5 | 0 | SIMATIC S7 CFC (Continuous Function Chart) V6.1, floating license, 1 user     | Siemens      | GGVDC |
| 6ES7810-4CC07-0YA5 | 0 | SIMATIC S7 Step7 V5.3, Floating License for 1 user                            | Siemens      | GGVCA |
| 6ES7811-1CC05-0YA5 | 0 | SIMATIC S7 SCL (Structured Control Language) V5.3, floating license, 1 user   | Siemens      | GGVDE |
| 6ES7833-1CC00-0YX0 | 0 | PCS7; ES Software, F-Programmingtool including F-Blocks library               | Siemens      | GGSGG |
| 6ES7833-1CC00-6YX0 | 0 | PCS7; ES Software, F-Copy Licence, for one F or FH system (one per CPU)       | Siemens      | GGSGH |
| 6ES7852-2CC00-0YA5 | 0 | SIMATIC S7 D7-ES V6.2 floating license for 1 installation                     | Siemens      | GGVDB |

Add-on licenses

|                    |   |                                                                                  |              |       |
|--------------------|---|----------------------------------------------------------------------------------|--------------|-------|
| 6DU1421-0AA00-0AA0 | 0 | 6DU1421-0AA00-0AA0 faceplate & pictogramm editor license (per editor)            | Siemens PG L | GULBA |
| 6DU1421-1AA00-0AA0 | 0 | 6DU1421-1AA00-0AA0 dynamic function diagram view (per view)                      | Siemens PG L | GULBB |
| 6DU1421-2AA00-0AA0 | 0 | 6DU1421-2AA00-0AA0 SPPA-T3000 Import from Point List                             | Siemens PG L | GULBJ |
| 6DU1424-0AA00-0AA0 | 0 | 6DU1424-0AA00-0AA0 OPC Server IO license (per OPC software input or output)      | Siemens PG L | GULBE |
| 6DU1424-0AA01-0AA0 | 0 | 6DU1424-0AA01-0AA0 OPC Client IO license (per OPC software input or output)      | Siemens PG L | GULBK |
| 6DU1424-1AA00-0AA0 | 0 | 6DU1424-1AA00-0AA0 Modbus IO licence (per software input and output)             | Siemens PG L | GULBF |
| 6DU1425-0AA00-0AA0 | 0 | 6DU1425-0AA00-0AA0 Connect/90 1,000 tag license                                  | Siemens PG L | GULBL |
| 6DU1425-0AA01-0AA0 | 0 | 6DU1425-0AA01-0AA0 Connect/90 10,000 tag license                                 | Siemens PG L | GULBM |
| 6DU1425-0AA10-0AA0 | 0 | 6DU1425-0AA10-0AA0 Connect/90 30,000 tag license                                 | Siemens PG L | GULBN |
| 6ES7870-1AA01-0YA0 | 0 | SIMATIC S7, MODBUS MASTER V3.1 SINGLE LICENSE                                    | Siemens      | GGVBA |
| 6ES7870-1AA01-0YA1 | 0 | SIMATIC S7, MODBUS MASTER V3.1 SINGLE LICENSE without Software and Documentation | Siemens      | GGVBB |
| 6ES7870-1AB01-0YA0 | 0 | SIMATIC S7, MODBUS SLAVE V3.1 SINGLE LICENSE                                     | Siemens      | GGVBC |
| 6ES7870-1AB01-0YA1 | 0 | SIMATIC S7, MODBUS SLAVE V3.1 SINGLE LICENSE without Software and Documentation  | Siemens      | GGVBD |

Accessory Products

Cabinets

|                    |   |                                                              |         |        |
|--------------------|---|--------------------------------------------------------------|---------|--------|
| C79165-A3050-D510  | 0 | PCS7 set of gaskets for cabinet (IP40 to IP55)               | Siemens | GGSQN  |
| C79165-A3050-D516  | 0 | PCS7 cable clamps up to 16 mm                                | Siemens | GGSQP  |
| W75051-B3011-A160  | 0 | PCS7 circuit-breaker 16 A                                    | Siemens | GGSQS  |
| 6DL2800-____-____  | 0 | Cabinet for AS / IO-units Configuration                      | Siemens | GGSTRY |
| 6DL2800-1BX21-2BA0 | 0 | PCS7 Cabinet for one UR and max. 5 x ET200 M, 24 V DC        | Siemens | GGSRB  |
| 6DL2800-1BX21-2BB0 | 0 | PCS7 Cabinet for two UR and max. 3 x ET200 M, 24 V DC        | Siemens | GGSRC  |
| 6DL2800-1BX21-2BC0 | 0 | PCS7 Cabinet for three UR and max. 1 x ET200 M, 24 V DC      | Siemens | GGSRD  |
| 6DL2800-1BX21-2BD0 | 0 | PCS7 Cabinet for four UR, 24 V DC                            | Siemens | GGSRE  |
| 6DL2800-1BX21-2BX0 | 0 | PCS7 Cabinet for max. 6 x ET200M, 24 V DC                    | Siemens | GGSRA  |
| 6DL2800-1BX23-3BA0 | 0 | PCS7 Cabinet for one UR and max. 5 x ET200 M, 120/230 V AC   | Siemens | GGSRK  |
| 6DL2800-1BX23-3BB0 | 0 | PCS7 Cabinet for two UR and max. 3 x ET200 M, 120/230 V AC   | Siemens | GGSRL  |
| 6DL2800-1BX23-3BC0 | 0 | PCS7 Cabinet for three UR and max. 1 x ET200 M, 120/230 V AC | Siemens | GGSRM  |
| 6DL2800-1BX23-3BD0 | 0 | PCS7 Cabinet for four UR, 120/230 V AC                       | Siemens | GGSRN  |
| 6DL2800-1BX23-3BX0 | 0 | PCS7 Cabinet for max. 6 x ET200M, 120/230 V AC               | Siemens | GGSRJ  |
| 6DL2800-6KX70-3AX0 | 0 | Cabinet for standard clients, rack mounted or pedestal       | Siemens | GGSRR  |
| 6DL2800-9XX90-0AX0 | 0 | Cabinet for server devices, rack mounted or pedestal         | Siemens | GGSRS  |
| 6DL2802-____-____  | 0 | Peripheral Unit Configuration for Cabinet for AS / IO-units  | Siemens | GGSRX  |

Monitors

|                  |   |                                                           |     |       |
|------------------|---|-----------------------------------------------------------|-----|-------|
| S26361-K979-V150 | 0 | LCD TFT Display 17 inch FSC Premium line SCENICVIEW P17-2 | FSC | KKANU |
| S26361-K983-V150 | 0 | LCD TFT Display 19 inch FSC Premium line SCENICVIEW P19-2 | FSC | KKANG |
| S26361-K984-V150 | 0 | LCD TFT Display 20 inch FSC Premium line SCENICVIEW P20-2 | FSC | KKANK |

Time synchronozation

|                    |   |                                                                              |              |       |
|--------------------|---|------------------------------------------------------------------------------|--------------|-------|
| 6DP3900-0GP44-0SX0 | 0 | GPS outdoor antenna                                                          | Siemens      | GFWKJ |
| 6DP3900-2GP44-0_X5 | 0 | GPS indirect lightning protection for GPS outdoor antenna with BNC connector | Siemens      | GFWKM |
| 6DP8100-8A____     | 0 | GPS antenna cable low loss (zero halogen)                                    | Siemens      | GFXXB |
| 6DU1920-0AA00-0AA0 | 0 | GPS time server, pedestal                                                    | Siemens PG L | GUFEA |
| 6DU1921-0AA00-0AA0 | 0 | GPS time server, rack                                                        | Siemens PG L | GUFEB |
| 6DU1921-1AA00-0AA0 | 0 | GPS time server, rack, redundant                                             | Siemens PG L | GUFEC |
| 6DU1923-0AA00-0AA0 | 0 | GPS Line amplifier                                                           | Siemens PG L | GUFEG |
| 6DU1925-1AA00-0AA0 | 0 | FO-interface card OUT-1 / IN-0                                               | Siemens PG L | GUFEJ |

Printers

|               |   |                                                       |         |       |
|---------------|---|-------------------------------------------------------|---------|-------|
| 6DP3821-8BC0_ | 0 | Lexmark dot-matrix printer 2481 DIN A3 (line printer) | Siemens | GFWBG |
| 6DP3831-8CA0_ | 0 | HP Color Network Laser Printer LJ2550N, DIN A4        | Siemens | GFWBJ |

UPS

|                    |   |                                           |              |       |
|--------------------|---|-------------------------------------------|--------------|-------|
| AP9617             | 0 | APC-UPS WEB Management Adapter            | APC          | SNCBM |
| 6DU1960-0AA00-0AA0 | 0 | UPS system, 120V (US), pedestral          | Siemens PG L | GUFFA |
| 6DU1960-1AA00-0AA0 | 0 | UPS system, 120V (US), rack mount         | Siemens PG L | GUFFB |
| 6DU1961-0AA00-0AA0 | 0 | UPS system, 230V (worldwide), pedestral   | Siemens PG L | GUFFC |
| 6DU1961-1AA00-0AA0 | 0 | UPS system, 230 V (Worldwide), Rack mount | Siemens PG L | GUFFD |