

**SIEMENS**

PG L

PG L51

# **SPPA-T3000 Release 4**

## **Equipment Catalog - Table of Contents**

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User interface

Client products

|                    |   |   |         |        |
|--------------------|---|---|---------|--------|
| 6DU100_-_AA00-0E__ | 0 | Thin Client FSC CELSIUS M450                                | Siemens | GUA AE |
| 6DU101_-_AA00-0A_0 | 0 | Diskless Thin Client (LINUX) based on CELSIUS M450 Diskless | Siemens | GUA AF |

Accessories

|                        |   |                                      |         |       |
|------------------------|---|--------------------------------------|---------|-------|
| Bailey DCS Connections | 0 | SCSI Connection Kit                  | Siemens | GUHGA |
| S26361-F2542-E212      | 0 | Optical USB wheelmouse               | FSC     | KKMME |
| S26361-F2581-L100      | 0 | Rack mount kit CELSIUS               | FSC     | 00300 |
| S26361-F3304-E10       | 0 | DVD+-R/+ -RW,Double Layer, ATAPI     | FSC     | KJEDK |
| S26381-K340-E110       | 0 | KBPC PX US, professional keyboard    | FSC     | KKMAJ |
| S26381-K340-E115       | 0 | KBPC PX RUS GB professional keyboard | FSC     | KKMAQ |
| S26381-K340-E120       | 0 | KBPC PX D professional keyboard      | FSC     | KKMAK |
| S26381-K340-E122       | 0 | KBPC PX INT D professional keyboard  | FSC     | KKMAL |
| S26381-K340-E140       | 0 | KBPC PX F professional keyboard      | FSC     | KKMAN |
| S26381-K340-E180       | 0 | KBPC PX E professional keyboard      | FSC     | KKMAM |
| S26381-K340-E196       | 0 | KBPC PX RUS D professional keyboard  | FSC     | KKMAP |

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## Power services

### Application server

#### ftServer

|                      |   |  |         |       |
|----------------------|---|--|---------|-------|
| 6DU1120-_____-C__    | 1 | Application Server (ftServer, 4300, tower) | Siemens | GUCAJ |
| 6DU1120-0____0-0DX__ | 0 | Application Server (ftServer, 4400, tower) | Siemens | GUCAL |
| 6DU1121-_____-C__    | 1 | Application Server (ftServer, 4300, rack)  | Siemens | GUCAK |
| 6DU1121-0____0-0DX__ | 0 | Application Server (ftServer, 4400, rack)  | Siemens | GUCAM |

#### Accessories

|                    |   |  |         |       |
|--------------------|---|--|---------|-------|
| 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 |
| Base 4             | 0 | Hardware und Software Warrenty for month 37 - 60         | Stratus | GUHQA |
| 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 |
| D648-P             | 0 | D648-P, 500 GB 7200 RPM SATA DISK DRIVE                  | Stratus | KJFBD |
| M231               | 0 | M231, 1 GB DDR-2 DIMM                                    | Stratus | 01168 |
| M231-P             | 0 | 1GB DDR-2 Memory DIMM                                    | Stratus | GUHJE |
| V115-P             | 0 | USB Keyboard & Mouse                                     | Stratus | GUHBE |
| 6DU2121-0AA00-0DX0 | 0 | Replacement for Application Server, ftServer, 4400, rack | Siemens | GUGAN |

#### Non ftServer

|                     |   |   |         |       |
|---------------------|---|---|---------|-------|
| 6DU1130-_____-C__   | 0 | Application Server (non-ftServer, TX200S3, tower) | Siemens | GUCBC |
| 6DU1130-_____-0DA__ | 0 | Application Server (non-ftServer, TX200S4, tower) | Siemens | GUCBG |
| 6DU1131-_____-C__   | 0 | Application Server (non-ftServer, TX200S3, rack)  | Siemens | GUCBD |
| 6DU1131-_____-0DA__ | 0 | Application Server (non-ftServer, TX200S4, rack)  | Siemens | GUCBH |

#### Accessories

#### drServer

|                     |   |  |         |       |
|---------------------|---|--|---------|-------|
| 6DU1141-0____0-0A__ | 0 | Application Server (drServer, RX100S4, rack) | Siemens | GUCCA |
|---------------------|---|--|---------|-------|

#### Accessories

|                    |   |  |         |       |
|--------------------|---|--|---------|-------|
| 6DU2141-0AA00-0AA0 | 0 | Replacement for Application Server, drServer, 1x RX100S4, rack | Siemens | GUGBA |
|--------------------|---|--|---------|-------|

### Technology Server

|                    |   |  |         |       |
|--------------------|---|--|---------|-------|
| 6DU1136-__X0_-C__  | 0 | Technology Server (non-ft, Server, TX200S3, tower) | Siemens | GUDBA |
| 6DU1137-__X0_-C__  | 0 | Technology Server (non-ft, Server, TX200S3, rack)  | Siemens | GUDBB |
| 6DU1147-0_X00-0A__ | 0 | Technology Server (drServer, RX100S4, rack)        | Siemens | GUDBB |

#### Accessories

### Compact Application Server

#### Non ftServer

|                    |   |   |         |       |
|--------------------|---|---|---------|-------|
| 6DU1132-_____-0C__ | 0 | Compact Application Server (non-ftServer, TX200S3, tower) | Siemens | GUCBE |
| 6DU1133-_____-0C__ | 0 | Compact Application Server (non-ftServer, TX200S3, rack)  | Siemens | GUCBF |

#### Accessories

#### drServer

#### Accessories

### Compact Server

### Automation server

#### S7-CPU

|                                      |  |                        |       |      |            |
|--------------------------------------|--|------------------------|-------|------|------------|
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|--------------------|------|--|--------------|--------|
| 6ES7400-0HA00-4AB0 | 0    | SIMATIC S7-400H, 414H PG SYSTEM BUNDLE, 2 X 4MB              | Siemens      | GGMFA  |
| 6ES7414-3XM05-0AB0 | 0    | S7-400 CPU 414-3, 2.8 MB                                     | Siemens      | GGMAC  |
| 6ES7414-4HR14-0AB0 | 0    | S7-400H CPU 414-4H PG  | Siemens      | GGMAU  |
| 6ES7416-2XN05-0AB0 | 0    | S7-400 CPU 416-2, 5.6 MB, 0.03ms/kAW                         | Siemens      | GGMAD  |
| 6ES7417-4HT14-0AB0 | 0    | S7-400H CPU 417-4H-4, 30 MB                                  | Siemens      | GGMAV  |
| 6ES7654-2PE68-0XC0 | 0    | SIMATIC-PCS7, AS417-4-2H, AC 120/230V 10A, RED., UR2-H, 4 MB | Siemens      | GGSNS  |
| 6ES7654-4PE68-0XC0 | 0    | SIMATIC-S7, AS417-4-2H, DC 24V 10A, UR2-H, 4 MB              | Siemens      | GGSNT  |
| 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  |
| 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  |

### Fail Safe

|                    |   |  |         |       |
|--------------------|---|--|---------|-------|
| 6ES7417-4HT14-0AB0 | 0 | S7-400H CPU 417-4H-4, 30 MB                                  | Siemens | GGMAV |
| 6ES7654-2PF68-0XC0 | 0 | SIMATIC-PCS7, AS417-4-2H, AC 120/230V 10A, RED., UR2-H, 8 MB | Siemens | GGSNQ |
| 6ES7654-4PF68-0XC0 | 0 | SIMATIC-PCS7, AS417-4-2H, DC 24V 10A, UR2-H, 8 MB            | Siemens | GGSNR |

### S7-CPU Accessories

|                    |   |   |         |       |
|--------------------|---|---|---------|-------|
| 6DD1607-0AA2       | 0 | S7-400 FM 458-1 DP application module (FW V2.x)                 | Siemens | GGPB8 |
| 6DD1607-0CA1       | 0 | S7-400 EXM 438-1 I/O expansion module for FM 458                | Siemens | GGPBE |
| 6ES7400-1JA01-0AA0 | 0 | S7-400, UR2 Rack, centralized and distributed with 9 slots      | Siemens | GGQAE |
| 6ES7400-2JA00-0AA0 | 0 | S7-400H, UR2-H Rack, centralized and distributed with 2x9 slots | Siemens | GGQAF |
| 6ES7405-0KA02-0AA0 | 0 | S7-400 Power supply PS 405; 24/48/60 V DC, 10A                  | Siemens | GGMEB |
| 6ES7407-0KA02-0AA0 | 0 | S7-400 Power supply PS 407; Wide range, UC 120/230 V, 10 A      | Siemens | GGMEJ |
| 6ES7953-8LM20-0AA0 | 0 | S7 MICRO MEMORY CARD P. S7-300/C7/ET 200, 3,3 V NFLASH, 4 MByte | Siemens | GGEEQ |
| 6ES7971-0BA00      | 0 | S7-400, Backup battery 3.6 V/1.9 AH                             | Siemens | GGQEA |
| 6GK7443-1EX11-0XE0 | 0 | Industrial Ethernet Communication module CP 443-1               | Siemens | JFEBE |
| 6GK7443-5DX04-0XE0 | 0 | PROFIBUS Communications processor CP443-5 Extended for S7-400   | Siemens | JCEBE |

### CM104

|                    |   |   |         |       |
|--------------------|---|---|---------|-------|
| 6DU1160-0AA00-0AA0 | 0 | CM104_T3000_PROFI_MODULE (non redundant)    | Siemens | GUBGF |
| 6DU1160-1AA00-0AA0 | 0 | CM104_T3000_MODBUS INTERFACE                | Siemens | GUBGA |
| 6DU1160-1BA00-0AA0 | 0 | CM104_T3000_MODBUS ASCII or RTU (redundant) | Siemens | GUBGJ |
| 6DU1160-2AA00-0AA0 | 0 | CM104_T3000_CS275 INTERFACE                 | Siemens | GUBGB |
| 6DU1160-2BA00-0AA0 | 0 | CM104_T3000_CS275 (redundant)               | Siemens | GUBGK |
| 6DU1160-3AA00-0AA0 | 0 | CM104_T3000_MODBUS TCP (non redundant)      | Siemens | GUBGC |
| 6DU1160-3BA00-0AA0 | 0 | CM104_T3000_MODBUS TCP (redundant)          | Siemens | GUBGL |
| 6DU1160-4AA00-0AA0 | 0 | CM104_T3000_IEC 60870-5-101 (non redundant) | Siemens | GUBGD |
| 6DU1160-4BA00-0AA0 | 0 | CM104_T3000_IEC 60870-5-101 (redundant)     | Siemens | GUBGM |
| 6DU1160-5AA00-0AA0 | 0 | CM104_T3000_IEC 60870-5-104 (non redundant) | Siemens | GUBGE |
| 6DU1160-5BA00-0AA0 | 0 | CM104_T3000_IEC 60870-5-104 (redundant)     | Siemens | GUBGN |
| 6DU1160-6AA00-0AA0 | 0 | CM104_T3000_DNP 3.0 Serial (non redundant)  | Siemens | GUBGG |
| 6DU1160-6BA00-0AA0 | 0 | CM104_T3000_DNP 3.0 Serial (redundant)      | Siemens | GUBGP |
| 6DU1160-7AA00-0AA0 | 0 | CM104_T3000_DNP 3.0 TCP/IP (non redundant)  | Siemens | GUBGH |
| 6DU1160-7BA00-0AA0 | 0 | CM104_T3000_DNP 3.0 TCP/IP (redundant)      | Siemens | GUBGQ |
| 6DU1160-8AA00-0AA0 | 0 | CM104_T3000_DNP 3.0 UDP (non redundant)     | Siemens | GUBGR |
| 6DU1160-8BA00-0AA0 | 0 | CM104_T3000_DNP 3.0 UDP (redundant)         | Siemens | GUBGS |

### Accessories CM104

|                         |   |   |                |       |
|-------------------------|---|---|----------------|-------|
| PSI-MOS-RS232/FO 660 E  | 0 | FO converter for RS-232, 1 FO interface, 660 nm, for polymer/HCS fiber cable  | PhoenixContact | GUBJJ |
| PSI-MOS-RS232/FO 660 T  | 0 | FO converter for RS-232, 2 FO interfaces, 660 nm, for polymer/HCS fiber cable | PhoenixContact | GUBJK |
| PSI-MOS-RS232/FO 850 E  | 0 | FO converter for RS-232, 1 FO interface, 850 nm, for polymer/HCS fiber cable  | PhoenixContact | GUBJL |
| PSI-MOS-RS232/FO 850 T  | 0 | FO converter for RS-232, 2 FO interfaces, 850 nm, for polymer/HCS fiber cable | PhoenixContact | GUBJM |
| PSM-EG-RS232/RS422-P/4K | 0 | Interface converter, RS232 / RS422 with electrical isolation, 4 channels      | PhoenixContact | GUBJA |
| PSM-ME-RS232/RS232-P    | 0 | Interface converter, RS232 / RS232 with electrical isolation, 4 channels      | PhoenixContact | GUBJE |
| PSM-ME-RS232/RS485-P    | 0 | Interface converter, RS232 / RS485 with electrical isolation, 2 channels      | PhoenixContact | GUBJD |
| SUBCON 9/F-SH           | 0 | SUB-D-plug SUBCON 9/F-SH  | PhoenixContact | GUBKB |
| SUBCON 9/M-SH           | 0 | SUB-D-plug SUBCON 9/M-SH  | PhoenixContact | GUBKA |
| 6DP1724-8BA             | 0 | Interface Module N-PCI for 20-m-local bus                                     | Siemens        | GUBHA |

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| 6DP8400-0A____     | 0    | Optical-fibre cables, precut with connectors (Masterline 100), 4<br>Optical fibres  | Siemens      | GFXVA  |
| 6DP8401-0A____     | 0    | Optical-fibre cables, precut with connectors (Masterline 100), 6<br>Optical fibres  | Siemens      | GFXVB  |
| 6DP8402-0A____     | 0    | Optical-fibre cables, precut with connectors (Masterline 100), 8<br>Optical fibres  | Siemens      | GFXVC  |
| 6DP8403-0A____     | 0    | Optical-fibre cables, precut with connectors (Masterline 100), 10<br>Optical fibres | Siemens      | GFXVD  |
| 6DP8404-0A____     | 0    | Optical-fibre cables, precut with connectors (Masterline 100), 12<br>Optical fibres | Siemens      | GFXVE  |
| 6DS8208-8KC        | 0    | Cable connector for local bus 2,5 m   | Siemens      | GUBHE  |
| 6GK1105-3AC00      | 0    | SIMATIC NET Industrial Ethernet Electrical Switch Module ESM TP40                   | Siemens      | JFAHL  |
| 6XV1850-0B____     | 0    | ITP Standard cable 9/15 for Industrial Ethernet, preassembled                       | Siemens      | JFBAN  |
| 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  |
| 9AE4510-0NK02      | 0    | Cable between Interface converter and external systems (null modem<br>cable)        | Siemens      | GUBKV  |

## Connectivity products

### OPC Interface

|                    |   |                  |         |       |
|--------------------|---|------------------|---------|-------|
| 6DU1501-0AA00-0AA0 | 0 | OPC Tunneller-SW | Siemens | GUJCB |
|--------------------|---|------------------|---------|-------|

### Modbus

|                    |   |                                       |         |       |
|--------------------|---|---------------------------------------|---------|-------|
| 6DU1220-0AA00-0AB0 | 0 | Modbus to Ethernet Bridge with 174CEV | Siemens | GUJBA |
| 6DU1220-0AA00-0AC0 | 0 | Modbus to Ethernet Bridge with ETG100 | Siemens | GUJBB |

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## Networks

### Industrial ethernet

#### Switches

##### Switches 100 MBit-Backbone

|               |   |  |         |       |
|---------------|---|--|---------|-------|
| 6GK1105-2AA10 | 0 | SIMATIC NET Optical Switch Module OSM ITP62    | Siemens | JFAHA |
| 6GK1105-2AB10 | 0 | SIMATIC NET Optical Switch Module OSM TP62     | Siemens | JFAHB |
| 6GK1105-3AA10 | 0 | SIMATIC NET Electrical Switch Module ESM ITP80 | Siemens | JFAHJ |
| 6GK1105-3AB10 | 0 | SIMATIC NET Electrical Switch Module ESM TP80  | Siemens | JFAHK |

##### Switches GBit-Backbone

#### Converter

|                    |   |   |         |       |
|--------------------|---|---|---------|-------|
| 6GK5101-1BB00-2AA3 | 0 | SIMATIC NET, SCALANCE X101-1, IE MEDIA CONVERTER    | Siemens | JFATA |
| 6GK5101-1BC00-2AA3 | 0 | SIMATIC NET, SCALANCE X101-1LD, IE MEDIA CONVERTER  | Siemens | JFATB |
| 6GK5101-1BX00-2AA3 | 0 | SIMATIC NET, SCALANCE X101-1AU1, IE MEDIA CONVERTER | Siemens | JFATD |
| 6GK5101-1BY00-2AA3 | 0 | SIMATIC NET, SCALANCE X101-1FL, IE MEDIA CONVERTER  | Siemens | JFATE |

### Cables and connectors

|                |   |   |         |       |
|----------------|---|---|---------|-------|
| 6XV1820-5B____ | 0 | SIMATIC NET FIBER OPTIC CABLE, standard cable, splittable, preassembled | Siemens | JCBDA |
| 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 | JFBBF |
| 6XV1850-2NH10  | 0 | TP Cord 9-45/RJ45 for Industrial Ethernet, preassembled                 | Siemens | JFBBG |
| 6XV1850-2PH10  | 0 | TP XP Cord 9-45/RJ45 for Industrial Ethernet, preassembled              | Siemens | JFBBH |
| 6XV1850-2RH10  | 0 | TP XP Cord 9/9 for Industrial Ethernet, preassembled                    | Siemens | JFBBJ |
| 6XV1850-2S____ | 0 | TP XP Cord 15/RJ45 for Industrial Ethernet, preassembled                | Siemens | JFBBL |
| 6XV1850-2SE50  | 0 | TP XP Cord 15/RJ45 for Industrial Ethernet, preassembled, 0,5 m         | Siemens | JFBBK |
| 6XV1873-3A____ | 0 | SIMATIC NET FO Standard cable 50/125, pre-assembled with 2X2 BOFC       | Siemens | JFBDA |
| 6XV1873-6A____ | 0 | SIMATIC NET FO Standard cable 50/125, pre-assembled with 2X2 SC         | Siemens | JFBDB |

#### 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 |

#### Firewall

|                    |   |                              |         |       |
|--------------------|---|------------------------------|---------|-------|
| 6DU1500-0AA00-0AA0 | 0 | Industrial Ethernet Firewall | Siemens | GUJCA |
| 6DU1501-0AA00-0AA0 | 0 | OPC Tunneller-SW             | Siemens | GUJCB |

### Remote Access for Service

|                    |   |                                 |         |       |
|--------------------|---|---------------------------------|---------|-------|
| 6DQ1322-2A_00-0AA0 | 0 | CAG ROUTER (DESKTOP)            | Siemens | JKCAA |
| 6DQ1322-2B_00-0AA0 | 0 | CAG ROUTER (19" RACK)           | Siemens | JKCAB |
| 6DQ1322-2C_00-0AA0 | 0 | CAG ROUTER (19" RACK MULTI LAN) | Siemens | JKCAC |

## Profibus

### Electrical network

|                    |   |   |         |       |
|--------------------|---|---|---------|-------|
| 6ES7153-2BA81-0XB0 | 0 | SIMATIC DP IM 153-2 interface for DP/PA-Link and Y-Link, exp. temp.-range | Siemens | GGBAA |
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| 6ES7157-0AC83-0XA0 | 0    | SIMATIC DP DP/PA coupler FDC 157-0                | Siemens      | GGBAE  |
| 6ES7157-0AD82-0XA0 | 0    | SIMATIC DP DP/PA Coupler EX-version EX(IA) 110 mA | Siemens      | GGBAT  |
| 6ES7197-1LA10-0XA0 | 0    | SIMATIC DP Y-Link for S7-400H with IM153-2BA81    | Siemens      | GGBAD  |
| 6ES7972-0AA01-0XA0 | 0    | SIMATIC DP RS485 Repeater                         | Siemens      | GGBAQ  |
| 6ES7972-0DA00-0AA0 | 0    | SIMATIC DP RS485 Resistor                         | Siemens      | GGBAP  |

## Optical network

|               |   |   |         |       |
|---------------|---|---|---------|-------|
| 6GK1503-2CA00 | 0 | PROFIBUS OLM P11 V4.0, 1 RS485, 1 Plastic-FOC-Interface (2 BFOC-sockets)  | Siemens | JCAGQ |
| 6GK1503-2CB00 | 0 | PROFIBUS OLM G11 V4.0, 1 RS485, 1 Glass-FOC-Interface (2 BFOC-sockets)    | Siemens | JCAGS |
| 6GK1503-3CA00 | 0 | PROFIBUS OLM P12 V4.0, 1 RS485, 2 Plastic-FOC-Interfaces (4 BFOC-sockets) | Siemens | JCAGR |
| 6GK1503-3CB00 | 0 | PROFIBUS OLM G12 V4.0, 1 RS485, 2 Glass-FOC-Interfaces (4 BFOC-sockets)   | Siemens | JCAGT |

## Cables and connectors

|                    |   |   |         |       |
|--------------------|---|---|---------|-------|
| 6ES7972-0BA12-0XA0 | 0 | SIMATIC DP RS 485 Bus connector 90 degree without PG socket               | Siemens | GGBBA |
| 6ES7972-0BA41-0XA0 | 0 | SIMATIC DP RS 485 Bus connector 35 degree without PG socket               | Siemens | GGBBE |
| 6ES7972-0BA50-0XA0 | 0 | SIMATIC DP RS 485 Bus connector 90 degree without PG socket               | Siemens | GGBBG |
| 6ES7972-0BA60-0XA0 | 0 | SIMATIC DP RS 485 Bus connector 35 degree, FastConnect, without PG socket | Siemens | GGBBJ |
| 6ES7972-0BB12-0XA0 | 0 | SIMATIC DP RS 485 Bus connector 90 degree with PG socket                  | Siemens | GGBBB |
| 6ES7972-0BB41-0XA0 | 0 | SIMATIC DP RS 485 Bus connector 35 degree with PG socket                  | Siemens | GGBBF |
| 6ES7972-0BB50-0XA0 | 0 | SIMATIC DP RS 485 Bus connector 90 degree, FastConnect, with PG socket    | Siemens | GGBBH |
| 6ES7972-0BB60-0XA0 | 0 | SIMATIC DP RS 485 Bus connector 35 degree, FastConnect, with PG socket    | Siemens | GGBBK |
| 6GK1500-0FC00      | 0 | SIMATIC NET, PB FC RS 485 PLUG 180  | Siemens | JCAFF |
| 6XV1820-5B_____    | 0 | SIMATIC NET FIBER OPTIC CABLE, standard cable, splittable, preassembled   | Siemens | JCBDA |
| 6XV1821-0B_____    | 0 | SIMATIC NET, PROFIBUS PLASTIC FIBER OPTIC, STANDARD CABLE                 | Siemens | JCBCD |
| 6XV1830-0EH10      | 0 | SIMATIC NET, PB FC STANDARD, BUS CABLE, sold by the meter                 | Siemens | JCBAA |

## Network Transitions

### Profibus DP/ASi

|               |   |   |         |       |
|---------------|---|---|---------|-------|
| 6GK1415-2BA10 | 0 | SIMATIC NET, DP/AS-Interface Link advanced, single master | Siemens | JHAAE |
| 6GK1415-2BA20 | 0 | SIMATIC NET, DP/AS-Interface Link advanced, double master | Siemens | JHAAF |

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|--------------------|------|-------------|--------------|--------|
|--------------------|------|-------------|--------------|--------|

## Process interfaces

### Profibus

#### FUM IOs

|               |   |   |         |        |
|---------------|---|---|---------|--------|
| 6DP1210-8BC   | 0 | SPPA FUM 210 for binary signals / drive control / monitoring / signaling    | Siemens | GFBAH  |
| 6DP1230-8CC   | 0 | SPPA FUM 230 RTC Analog transmitter signal conditioning module 0/4 to 20 mA | Siemens | GFBA A |
| 6DP1230-8HH   | 0 | SPPA FUM 230-HART Analog transmitter signal conditioning module HART        | Siemens | GFBAJ  |
| 6DP1232-8BA   | 0 | SPPA FUM 232 conditioning module for temperature sensors (Pt100 and TC)     | Siemens | GFBA G |
| 6DP1280-8AB   | 0 | SPPA FUM 280 Controller module for contin. closed-loop control, signal coup | Siemens | GFFAC  |
| 6DP1616-8AA   | 0 | SPPA-IM616 Interface module   | Siemens | GFLAH  |
| 6DP1995-8AA   | 0 | SPPA SYS995 power supply module for EU 905                                  | Siemens | GFSEG  |
| 6DP9902-8BA00 | 0 | SPPA Subrack EU 902 for FUM-B-Modules                                       | Siemens | GFREB  |
| 6DP9905-8AA01 | 0 | SPPA Subrack EU 905 for FUM-B-Modules                                       | Siemens | GFREK  |

### Simatic S7 IOs

#### Preferred

|                    |   |  |         |        |
|--------------------|---|--|---------|--------|
| 6ES7153-2AR03-0XA0 | 0 | SIMATIC DP ET200M IM 153 Red-Bundle 3 with IM 153-2 High Feature               | Siemens | GGAAQ  |
| 6ES7153-2BA02-0XB0 | 0 | SIMATIC DP ET200M interface module IM153-2 HIGH FEATURE f. 12 Module           | Siemens | GGAA N |
| 6ES7153-2BA82-0XB0 | 0 | SIMATIC DP ET200M interface module IM153-2 HIGH FEATURE f. 12 Module exp.temp. | Siemens | GGAAP  |
| 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  |
| 6ES7321-7BH01-0AB0 | 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  |
| 6ES7323-1BL00-0AA0 | 0 | S7-300 Digital Input/Output Module SM 323; DI 16/DO 16 x 24 VDC/0.5 A          | Siemens | GGFCA  |
| 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 | 0 | S7-300 Analog Input Module SM 331; AI 8 x RTD                                  | Siemens | GGGAE  |
| 6ES7331-7PF11-0AB0 | 0 | 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  |
| 6ES7331-7TF01-0AB0 | 0 | S7-300 Analog Input Module SM 331; AI 8; HART                                  | Siemens | GGGAN  |
| 6ES7332-5HF00-0AB0 | 0 | S7-300 Analog Output Module SM 332; AO 8 x 12 bits                             | Siemens | GGGBE  |

#### Special

|                    |   |   |         |        |
|--------------------|---|---|---------|--------|
| 6AG1321-1CH20-2AA0 | 0 | S7-300 SIPLUS Digital Input Module SM 321; DI 16 x 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  |
| 6ES7321-1CH20-0AA0 | 0 | S7-300 Digital Input Module SM 321; DI 16 x 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  |
| 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  |
| 6ES7326-1BK01-0AB0 | 0 | S7-300 Fail-safe Digital Input Module SM326; DI 24 x 24 V                     | Siemens | GGJCB  |
| 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 | GGJ CJ |
| 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  |
| 6ES7332-5HD01-0AB0 | 0 | S7-300 Analog Output Module SM 332; AO 4 x 12 bits                            | Siemens | GGGBA  |
| 6ES7336-1HE00-0AB0 | 0 | S7-300 Fail-safe Analog Input Module SM336; AI 6 x 13 bit                     | Siemens | GGJCP  |
| 6ES7336-4GE00-0AB0 | 0 | S7-300 Fail-safe Analog Input Module SM 336; F-AI 6 x 0/4 ... 20 mA HART      | Siemens | GGJCQ  |

#### Accessories

|               |   |   |         |       |
|---------------|---|---|---------|-------|
| 6ES5710-8MA11 | 0 | SIMATIC, STAND. SECTIONAL RAIL WIDTH 35MM, LENGTH 483MM | Siemens | GAKAA |
|---------------|---|---|---------|-------|



| Basic order number | Rev. | Designation   | Manufacturer | E-Code |
|--------------------|------|---|--------------|--------|
| 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  |
| 6ES7195-1JA00-0XA0 | 0    | SIMATIC DP, Covers for bus unit ET 200M                                 | Siemens      | GGABN  |
| 6ES7195-1KA00-0XA0 | 0    | SIMATIC DP, Explosion proof partition plate for ET 200M                 | Siemens      | GGABM  |
| 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 ET 200M, Bus unit for the integration of 2 IM153-2 RED       | Siemens      | GGABJ  |
| 6ES7195-7HG00-0XA0 | 0    | SIMATIC DP, ET200M Separator Bus Module between F- and Standard Modules | Siemens      | GGABK  |
| 6ES7195-7KF00-0XA0 | 0    | SIMATIC S7-300, Separator Module  | Siemens      | GGJCT  |
| 6ES7341-1AH01-0AE0 | 0    | S7-300 CP 341 communications processor, interface RS 232C (V.24)        | Siemens      | GGEDE  |
| 6ES7341-1BH01-0AE0 | 0    | S7-300 CP 341 communications processor, interface 20 mA (TTY)           | Siemens      | GGEDF  |
| 6ES7341-1CH01-0AE0 | 0    | S7-300 CP 341 communications processor, interface RS 422/RS 485 (X.27)  | Siemens      | GGEDG  |
| 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  |
| 6ES7392-1AM00-0AA0 | 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      | GGKCQ  |

## Special IOs

|                    |   |   |         |       |
|--------------------|---|---|---------|-------|
| 6DD1680-0BB0       | 0 | SIMADYN D CONNECTOR PLUG SM11   | Siemens | GEKBA |
| 6DD1681-0AE2       | 0 | SIMADYN D BINARY INPUT OR OUTPUT SB10                                 | Siemens | GEJBA |
| 6DD1681-0AJ1       | 0 | SIMADYN D interface module SU12 with plug-in terminal, 10 pin         | Siemens | GEJUC |
| 6DD1681-0DH1       | 0 | SIMADYN D BINARY OUTPUT SB71  | Siemens | GEJBE |
| 6DD1681-0EB3       | 0 | SIMADYN D BINARY INPUT MODULE SB61                                    | Siemens | GEJBC |
| 6DD1681-0GK0       | 0 | Siemens SIMADYN D interface module SU13 with plug-in terminal, 50 pin | Siemens | GEJUD |
| 6DD1684-0GC0       | 0 | SIMATIC TDC CABLE SC62  | Siemens | GEKAC |
| 6DD1684-0GD0       | 0 | SIMATIC TDC CABLE SC63  | Siemens | GEKAD |
| 6DL3100-8AC        | 0 | SIMATIC ADD7 Front End Module FEM native                              | Siemens | GGWAC |
| 6DL3100-8AC02      | 0 | SIMATIC ADD7 AddFEM POCO  | Siemens | GGWAE |
| 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, screw                                   | Siemens | GGWAS |
| 6DL9901-8AA        | 0 | SIMATIC ADD7 FO cable for AddFEM redundancy                           | Siemens | GGWAU |
| 6DL9902-8AA        | 0 | SIMATIC ADD7 FO cable time server - SOE repeater; 15 m                | Siemens | GGWAV |
| 6DL9902-8AB        | 0 | SIMATIC ADD7 FO cable time server - SOE repeater; 2,5 m               | Siemens | GGWAX |
| 6DL9903-8AA        | 0 | SIMATIC ADD7 FO cable SOE repeater - AddFEM; 1,5 m                    | Siemens | GGWAW |
| 6DL9903-8AB        | 0 | SIMATIC ADD7 FO cable SOE repeater - AddFEM; 2,5 m                    | Siemens | GGWAY |
| 6ES7350-2AH00-0AE0 | 0 | SIMATIC S7-300 FM 350-2 counter module                                | Siemens | GGJAB |

## Intelligent field devices

| Basic order number | Rev. | Designation | Manufacturer | E-Code |
|--------------------|------|-------------|--------------|--------|
|--------------------|------|-------------|--------------|--------|

## 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

|                    |   |   |         |       |
|--------------------|---|---|---------|-------|
| 6DU1410-0AA00-0BB0 | 0 | 6DU1410-0AA00-0BB0 Upgrade Plant IO license SPPA-T3000 Rel. 2<br>-> Rel. 3        | Siemens | GULAK |
| 6DU1410-0AA00-0CA0 | 0 | 6DU1410-0AA00-0BA0 PLANT IO LICENSE REL. 4  | Siemens | GULAQ |
| 6DU1410-0AA00-1AA0 | 0 | 6DU1410-0AA00-1AA0 Simulator I/O license  | Siemens | GULAH |
| 6DU1410-0AA00-1BA0 | 0 | 6DU1410-0AA00-1BA0 Simulator IO license (10 000 I/O)                              | Siemens | GULAW |
| 6DU1410-0AA00-2AA0 | 0 | 6DU1410-0AA00-2AA0 Upgrade Plant IO license T2000,PCS7<br>PS,S5-> SPPA-T3000      | Siemens | GULAL |
| 6DU1411-0AA00-0AA0 | 0 | 6DU1411-0AA00-0AA0 Operating session license                                      | Siemens | GULAB |
| 6DU1411-1AA00-0AA0 | 0 | 6DU1411-1AA00-0AA0 Engineering session license                                    | Siemens | GULAC |
| 6DU1411-2AA00-0AA0 | 0 | 6DU1411-2AA00-0AA0 P3000 library  | Siemens | GULAN |
| 6DU1411-6AA00-0AA0 | 0 | 6DU1411-6AA00-0AA0 SPPA-D3000   | Siemens | GULAT |
| 6DU1412-0AA00-0AA0 | 0 | 6DU1412-0AA00-0AA0 3rd party application software license                         | Siemens | GULAF |
| 6DU1412-0AA00-0AA1 | 0 | 6DU1412-0AA00-0AA0 SPPA-T3000 demo software                                       | Siemens | GULAG |
| 6DU1412-0AA00-0BA0 | 0 | 6DU1412-0AA00-0BA0 3rd Party application SW license, Marathon                     | Siemens | GULAU |
| 6DU1412-0AA00-0BA1 | 0 | 6DU1412-0AA00-0BA1 3rd Party application SW license, Marathon,<br>no Archiv       | Siemens | GULAV |
| 6ES7658-1EX16-2YA5 | 0 | SIMATIC S7 CFC (Continuous Function Chart) V6.1, floating license,<br>1 user      | Siemens | GGVDC |
| 6ES7810-4CC07-0YA5 | 0 | SIMATIC S7, STEP7 V5.3, Floating License for 1 user                               | Siemens | GGVCA |
| 6ES7810-4CC08-0YA5 | 0 | SIMATIC S7, STEP7 V5.4, Floating License for 1 user                               | Siemens | GGVCB |
| 6ES7810-4CC08-0YE5 | 0 | SIMATIC S7, STEP7 V5.4, Upgrade, Floating License for 1 user                      | Siemens | GGVCC |
| 6ES7811-1CC05-0YA5 | 0 | SIMATIC S7 SCL (Structured Control Language) V5.3, floating<br>license, 1 user    | Siemens | GGVDE |
| 6ES7833-1CC00-0YX0 | 0 | SIMATIC S7 S7-400 F Programming tool (S7 F Systems V5.2), inkl.<br>F_Lib V1_2     | Siemens | GGVDK |
| 6ES7833-1CC00-6YX0 | 0 | SIMATIC S7; S7 F Systems Run Time License (Copy License), ein F<br>oder FH System | Siemens | GGVDL |
| 6ES7833-1CC01-0YA5 | 0 | SIMATIC S7 S7-400 F Programming tool (S7 F Systems V6.0), inkl.<br>F_Lib V1_3     | Siemens | GGVDM |
| 6ES7852-0CC00-0YA5 | 0 | SIMATIC S7 D7-SYS 6.2 floating licence, 1 user                                    | Siemens | GGVDG |
| 6ES7852-2CC00-0YA5 | 0 | SIMATIC S7 D7-ES V6.2 floating license, 1 user, incl. STEP7 V5.3,<br>CFC V6.1     | Siemens | GGVDB |

#### Add-on licenses

|                    |   |  |         |       |
|--------------------|---|--|---------|-------|
| 6DU1421-0AA00-0AA0 | 0 | 6DU1421-0AA00-0AA0 faceplate & pictogramm editor license (per<br>editor)           | Siemens | GULBA |
| 6DU1421-1AA00-0AA0 | 0 | 6DU1421-1AA00-0AA0 dynamic function diagram view (per view)                        | Siemens | GULBB |
| 6DU1421-2AA00-0AA0 | 0 | 6DU1421-2AA00-0AA0 SPPA-T3000 Import from Point List                               | Siemens | GULBJ |
| 6DU1421-3AA00-0AA0 | 0 | 6DU1421-3AA00-0AA0 Call home function user defined                                 | Siemens | GULBQ |
| 6DU1421-3AA01-0AA0 | 0 | 6DU1421-3AA01-0AA0 Call home function to Siemens REC                               | Siemens | GULBP |
| 6DU1421-4AA00-0AA0 | 0 | 6DU1421-4AA00-0AA0 Links to wiring diagrams and free URL                           | Siemens | GULBS |
| 6DU1421-5AA00-0AA0 | 0 | 6DU1421-5AA00-0AA0 Integrated Plant Manual   | Siemens | GULBR |
| 6DU1424-0AA00-0AA0 | 0 | 6DU1424-0AA00-0AA0 OPC Server IO license (per OPC software<br>input or output)     | Siemens | GULBE |
| 6DU1424-0AA01-0AA0 | 0 | 6DU1424-0AA01-0AA0 OPC Client IO license (per OPC software<br>input or output)     | Siemens | GULBK |
| 6DU1424-0AA10-0AA0 | 0 | 6DU1424-0AA10-0AA0 WinTS Interface (1000 OPC Server IO<br>licenses)                | Siemens | GULBG |
| 6DU1424-1AA00-0AA0 | 0 | 6DU1424-1AA00-0AA0 SPPA-T3000 Data Exchange IO license                             | Siemens | GULBF |
| 6ES7658-3BX06-2YB5 | 0 | SIMATIC PMD V6.0 Software Integration in STEP 7/ SIMATIC PCS 7,<br>FL für 1 User   | Siemens | GGVAD |
| 6ES7658-3CX06-2YB5 | 0 | SIMATIC PMD V6.0 PDM Routing S7-400, Floating License FL für 1<br>User             | Siemens | GGVAR |
| 6ES7658-3KX06-0YA5 | 0 | SIMATIC PMD V6.0 Software S7 V6.0 (128 TAGS), Floating License<br>FL für 1 User    | Siemens | GGVAL |
| 6ES7658-3LX06-0YA5 | 0 | SIMATIC PDM V6.0 Software PCS 7 V6.0 (128 TAGS), Floating<br>License FL für 1 User | Siemens | GGVAS |
| 6ES7658-3XA06-2YB5 | 0 | SIMATIC PDM V6.0 TAG-Option up to 128 TAGS, Floating License<br>FL für 1 User      | Siemens | GGVAF |
| 6ES7658-3XB06-2YB5 | 0 | SIMATIC PDM V6.0 TAG-Option up to 512 TAGS, Floating License<br>FL für 1 User      | Siemens | GGVAG |

|                          |  |                        |       |            |
|--------------------------|--|------------------------|-------|------------|
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| Basic order number | Rev. | Designation  | Manufacturer | E-Code |
|--------------------|------|--|--------------|--------|
| 6ES7658-3XB06-2YD5 | 0    | SIMATIC PDM V6.0 Power Pack from 128 to 512 TAGS, FL for 1 User                  | Siemens      | GGVAM  |
| 6ES7658-3XC06-2YB5 | 0    | SIMATIC PDM V6.0 TAG-Option up to 1024 TAGS, Floating License FL for 1 User      | Siemens      | GGVAH  |
| 6ES7658-3XC06-2YD5 | 0    | SIMATIC PDM V6.0 Power Pack from 512 to 1024 TAGS, FL for 1 User                 | Siemens      | GGVAN  |
| 6ES7658-3XD06-2YB5 | 0    | SIMATIC PDM V6.0 TAG-Option up to 2048 TAGS, Floating License FL for 1 User      | Siemens      | GGVAJ  |
| 6ES7658-3XD06-2YD5 | 0    | SIMATIC PDM V6.0 Power Pack from 1024 to 2048 TAGS, FL for 1 User                | Siemens      | GGVAP  |
| 6ES7658-3XH06-2YD5 | 0    | SIMATIC PDM V6.0 Power Pack from 2048 to unlimited TAGS, FL for 1 User           | Siemens      | GGVAQ  |
| 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  |
| 6GK1704-1CW64-3AA0 | 0    | SIMATIC NET Industrial Ethernet SOFTNET-S7/2006                                  | Siemens      | JFGAA  |

| Basic order number | Rev. | Designation | Manufacturer | E-Code |
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|--------------------|------|-------------|--------------|--------|

## Accessory Products

### Cabinets

|                   |   |   |         |       |
|-------------------|---|---|---------|-------|
| C79451-A3446-D391 | 0 | SPPA-T2000 Set of labels for SAE                                      | Siemens | GFSDA |
| 6DP9700-8AD02     | 0 | SPPA-T2000 AS620 Side Panel for cabinet IP20 Ral 7032                 | Siemens | GFSEK |
| 6DP9700-8AF00     | 0 | SPPA-T2000 Cabinet temperature monitoring                             | Siemens | GFSCF |
| 6DP9700-8AJ00     | 0 | SPPA-T2000 Cabinet row lamp   | Siemens | GFSCJ |
| 6DP9700-8AL00     | 0 | SPPA-T2000 Cylinder lock for cabinet doors                            | Siemens | GFSCJ |
| 6DP9700-8AM00     | 0 | SPPA-T2000 Telephone socket   | Siemens | GFSCM |
| 6DP9700-8AS01     | 0 | SPPA-T2000 SET OF CROSS COUPLING                                      | Siemens | GFSCS |
| 6DP9700-8AT00     | 0 | SPPA-T2000 MOUNTING PLATE FOR ADDITIONAL COMPONENTS, WITHOUT MOUNTING | Siemens | GFSCS |
| 6DS9906-8EA       | 0 | Set of fittings for joining cabinets                                  | Siemens | GFSCX |
| 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 |

### FUM

|                   |   |  |         |       |
|-------------------|---|--|---------|-------|
| C79451-A3446-D380 | 0 | SPPA-T2000 Set of labels for screw terminal board                            | Siemens | GFSDA |
| C79451-A3446-D391 | 0 | SPPA-T2000 Set of labels for SAE   | Siemens | GFSDA |
| 6DP1905-8AA       | 0 | Redundancy module RM210 for FUM210 and FUM232 in EU905                       | Siemens | GFSAQ |
| 6DP1923-8AA       | 0 | Redundancy module RM230 for FUM230 in EU905 (not for FUM230 HART)            | Siemens | GFSAQ |
| 6DP1928-8AA04     | 0 | Redundancy module RM280-4 for FUM280 (4 Channel Controller) in EU905         | Siemens | GFSAQ |
| 6DP2622-          | 0 | SPPA-T2000/T3000 FUM cabinet S7  | Siemens | GFQQA |
| 6DP8805-8AA00     | 0 | Redundant cable  | Siemens | GFSAK |
| 6DP9700-8AA       | 0 | Dummy front plate 20 mm wide for EU-subracks                                 | Siemens | GFSAK |
| 6DP9700-8AP01     | 0 | Wire-Wrap Connection incl. wiring test for SPPA I&C cabinets with S7 400     | Siemens | GFSAK |
| 6DP9702-8AA01     | 0 | SPPA-T2000 SAE-BLOCK 64  | Siemens | GFSAK |
| 6DP9702-8AB00     | 0 | SPPA-T2000 /3000 I&C-cabinet-wiring-block SAE64 for I&C cabinets with S7 400 | Siemens | GFSAK |
| 6DP9703-8AA00     | 0 | SPPA-T2000 Horizontal connection field QAS                                   | Siemens | GFSAK |
| 6DP9704-8AA01     | 0 | Redundancy supply for one subrack EU 902/920/921                             | Siemens | GFSAK |
| 6XF2008-6KB00     | 0 | Dummy front plate 20 mm for AP/ER subrack                                    | Siemens | GFSAK |

### SIM

|       |   |   |         |       |
|-------|---|---|---------|-------|
| GFZBA | 0 | SPPA Automation cabinet with 1 AP and 2 ET200M stations | Siemens | GFZBA |
| GFZBD | 0 | SPPA Automation cabinet with 8 ET200M stations          | Siemens | GFZBD |

### Server/Client

#### Marshalling

|               |   |   |         |       |
|---------------|---|---|---------|-------|
| 6DP2627-1BC00 | 0 | SPPA-T2000 Order unit, cabinet for signal marshalling | Siemens | GFYAC |
| 6DP9705-8AA00 | 0 | SPPA-T2000 Terminal element Sub-D 62/Schraub 64       | Siemens | GFYBA |
| 6DP9705-8AB00 | 0 | SPPA-T2000 Terminal element Sub-D 62/MTP 64           | Siemens | GFYBB |
| 6DP9705-8AC00 | 0 | SPPA-T2000 Terminal element Schraub 32/Schraub 32     | Siemens | GFYBC |
| 6DP9705-8AD00 | 0 | SPPA-T2000 Terminal element MTP 64/MTP 64             | Siemens | GFYBD |
| 6DP9705-8AH00 | 0 | SPPA-T2000 MTP adapter plate                          | Siemens | GFYBH |

### Monitors

|                  |   |   |     |       |
|------------------|---|---|-----|-------|
| S26361-K979-V150 | 0 | LCD TFT Display 17 inch FSC Premium line SCENICVIEW P17-2 | FSC | KKANU |
| S26361-K983-V150 | 0 | SCENICVIEW P19-2 Premium Line TFT display                 | FSC | KKANG |
| S26361-K984-V150 | 1 | SCENICVIEW P20-2 Premium Line TFT display                 | 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 |

|                          |  |                        |       |             |
|--------------------------|--|------------------------|-------|-------------|
| <b>SIEMENS</b><br>PG L51 | Designation:   | Object:                | DCC:  | Page        |
|                          | SPPA-T3000 Release 4 - Equipment Catalog - Table of Contents | 8074.04                | & EPD | 11          |
|                          |  | Issue date: 2008-06-09 |       | Sheet 11/13 |

| Basic order number | Rev. | Designation                               | Manufacturer | E-Code |
|--------------------|------|---|--------------|--------|
| 6DP8100-8A____     | 0    | GPS antenna cable low loss (zero halogen) | Siemens      | GFXXB  |
| 6DU1920-0AA00-0AA0 | 0    | GPS time server, pedestal                 | Siemens      | GUFEA  |
| 6DU1920-0AA00-0AA1 | 0    |   | Siemens      | GUFED  |
| 6DU1921-0AA00-0AA0 | 0    | GPS time server, rack                     | Siemens      | GUFEB  |
| 6DU1921-0AA00-0AA1 | 0    |   | Siemens      | GUFEE  |
| 6DU1921-1AA00-0AA0 | 0    | GPS time server, rack, redundant          | Siemens      | GUFEC  |
| 6DU1921-1AA00-0AA1 | 0    |   | Siemens      | GUFEF  |
| 6DU1923-0AA00-0AA0 | 0    | GPS Line amplifier                        | Siemens      | GUFEG  |
| 6DU1925-1AA00-0AA0 | 0    | FO-interface card OUT-1 / IN-0            | Siemens      | GUF EJ |

## Printers

|               |   |   |         |       |
|---------------|---|---|---------|-------|
| 6DP3821-8BC01 | 0 | Lexmark dot-matrix printer 2481 DIN A3 (line printer) english documentation | Siemens | GFWBF |
| 6DP3821-8BC02 | 0 | Lexmark dot-matrix printer 2481 DIN A3 (line printer) german documentation  | Siemens | GFWBG |
| 6DP3831-8EA0_ | 0 | HP Color Network Laser Printer CP3505N, DIN A4                              | Siemens | GFWBP |

## Power supply

|                    |   |  |         |       |
|--------------------|---|--|---------|-------|
| AP9617             | 0 | APC-UPS WEB Management Adapter   | APC     | SNCBM |
| 6DL3500-8AA        | 0 | Power supply module SIPLUS PSU   | Siemens | SLBAA |
| 6DU1960-0AA00-0AA0 | 0 | UPS system, 120V (US), pedestal  | Siemens | GUFFA |
| 6DU1960-1AA00-0AA0 | 0 | UPS system, 120V (US), rack mount  | Siemens | GUFFB |
| 6DU1961-0AA00-0AA0 | 0 | UPS system, 230V (worldwide), pedestal                                       | Siemens | GUFFC |
| 6DU1961-1AA00-0AA0 | 0 | UPS system, 230 V (Worldwide), Rack mount                                    | Siemens | GUFFD |
| 6EP1333-2BA00      | 0 | SITOP power standard 24 V/5 A, single-phase input, 120/230 V AC              | Siemens | SNAAG |
| 6EP1333-2BA01      | 0 | SITOP SMART 120 W, DC 24 V / 5 A, single-phase input, AC 120/230 V; mit PFC  | Siemens | SNAAK |
| 6EP1334-2BA00      | 0 | SITOP power standard 24 V/10 A, single-phase input, 120/230 V AC             | Siemens | SNAAL |
| 6EP1334-2BA01      | 0 | SITOP SMART 240 W, DC 24 V / 10 A; single-phase input, AC 120/230 V; mit PFC | Siemens | SNAAQ |

## Large Screens

### Barco

|                |   |   |       |       |
|----------------|---|---|-------|-------|
| KWU-3333-03-0_ | 0 | 4 x XGA (1024 x 768), "2 x 2" - display configuration           | Barco | GUKBA |
| KWU-3333-13-__ | 0 | 4 x XGA (1024 x 768) curved, "2 x 2" - display configuration    | Barco | GUKBB |
| KWU-3333-43-0_ | 0 | 4 x SXGA (1280 x 1024), "2 x 2" - display configuration         | Barco | GUKBC |
| KWU-3333-53-__ | 0 | 4 x SXGA (1280 x 1024) curved, "2 x 2" - display configuration  | Barco | GUKBD |
| KWU-3333-63-0_ | 0 | 4 x SXGA+ (1400 x 1050), "2 x 2" - display configuration        | Barco | GUKBE |
| KWU-3333-73-__ | 0 | 4 x SXGA+ (1400 x 1050) curved, "2 x 2" - display configuration | Barco | GUKBF |
| R9842440       | 0 | Lamp forOverView mD50 (100W)                                    | Barco | GUKDA |
| R9842790       | 0 | Color wheel cartridge XGA/SXGA                                  | Barco | GUKDE |
| R9842791       | 0 | Color wheel cartridge SXGA+                                     | Barco | GUKDF |
| R9842800       | 0 | Dust filter 1pcs class F7                                       | Barco | GUKDJ |
| R9852441       | 0 | Multi input OV DR kit   | Barco | KKTBA |

### Eyevis

|                        |   |        |       |
|------------------------|---|--------|-------|
| PGL-GBW-EYEVIS-180P- 0 | Large Screen Display 1 modul, 80" with SXGA+ resolution (1400x1050)             | Eyevis | GUKEE |
| PGL-GBW-EYEVIS-180X- 0 | Large Screen Display 1 modul, 80" with SXGA-resolution (1280x1024)              | Eyevis | GUKEA |
| PGL-GBW-EYEVIS-184X- 0 | Large Screen Display 1 modul, 84" with SXGA-resolution (1280x1024)              | Eyevis | GUKEB |
| PGL-GBW-EYEVIS-450P- 0 | Large Screen Display 4 modules, 50" in a 2x2 config., SXGA+ resol. (1400x1050)  | Eyevis | GUKEH |
| PGL-GBW-EYEVIS-450V- 0 | Large Screen Display 4 modules, 50" in a 2x2 config., SVGA-resolution (800x600) | Eyevis | GUKEC |
| PGL-GBW-EYEVIS-450X- 0 | Large Screen Display 4 modules, 50" in a 2x2 config., SXGA-resol. (1280x1024)   | Eyevis | GUKEG |
| PGL-GBW-EYEVIS-467P- 0 | Large Screen Display 4 modules, 67" in a 2x2 config., SXGA+ resol. (1400x1050)  | Eyevis | GUKEF |
| PGL-GBW-EYEVIS-467X- 0 | Large Screen Display 4 modules, 67" in a 2x2 config., SXGA-resol. (1280x1024)   | Eyevis | GUKED |

| Basic order number | Rev. | Designation | Manufacturer | E-Code |
|--------------------|------|-------------|--------------|--------|
|--------------------|------|-------------|--------------|--------|

**Releated Products**

**SPPA-D3000**

**Machinery Protection (VIB3000)**

|                    |   |                               |         |       |
|--------------------|---|-------------------------------|---------|-------|
| 6DL2310-_____      | 0 |                               | Siemens | GLBAA |
| 6DL4320-0AA00      | 0 |                               | Siemens | GLBAB |
| 6DL4340-0BA00      | 0 |                               | Siemens | GLBAH |
| 6DU1411-6AA00-0AA0 | 0 | 6DU1411-6AA00-0AA0 SPPA-D3000 | Siemens | GULAT |

**PLANT MONITOR Modellgestütztes Monitoring**

|                    |   |  |         |       |
|--------------------|---|--|---------|-------|
| 6DU1411-5AA00-0AA_ | 0 |  | Siemens | GULDA |
|--------------------|---|--|---------|-------|

**SPPA-P3000**

|                    |   |  |         |       |
|--------------------|---|--|---------|-------|
| 6DU1411-2AA00-0AA0 | 0 | 6DU1411-2AA00-0AA0 P3000 library         | Siemens | GULAN |
| 6DU1411-3AA00-0AA0 | 0 | 6DU1411-3AA00-0AA0 Life Time Calculation | Siemens | GULAP |

**BEST POINT Thermodynamic Calculation**

|                    |   |   |         |       |
|--------------------|---|---|---------|-------|
| 6DU1411-4AA00-0AA0 | 0 | 6DU1411-4AA00-0AA0 BEST POINT THERMODYNAMIC CALCULATION | Siemens | GULAR |
|--------------------|---|---|---------|-------|

**SPPA-E3000**

**tec4fde**

|               |   |                               |         |       |
|---------------|---|-------------------------------|---------|-------|
| 6DP5818-0B_10 | 0 | Field and HW engineering tool | Siemens | GFUUB |
|---------------|---|-------------------------------|---------|-------|

**Training**

|                |   |                      |         |       |
|----------------|---|----------------------|---------|-------|
| KW-T3ADE       | 0 | Advanced Engineering | Siemens | GUTAE |
| KW-T3BAS       | 0 | Basic                | Siemens | GUTAD |
| KW-T3GOV       | 0 | Turbine Control      | Siemens | GUTAF |
| KW-T3MAIN      | 0 | Maintenance          | Siemens | GUTAJ |
| KW-T3OPE       | 0 | Operator             | Siemens | GUTAK |
| KW-T3OVER      | 0 | Overview             | Siemens | GUTAB |
| KW-T3SALE      | 0 | Sales workshop       | Siemens | GUTAA |
| KW-T3SERV      | 0 | Service              | Siemens | GUTAG |
| KW-T3SET       | 0 | System Setup         | Siemens | GUTAH |
| SPPAT3000-EX-M | 0 | Maintenance          | Siemens | GUTEC |
| SPPAT3000-EX-O | 0 | Operating            | Siemens | GUTEB |
| SPPAT3000-IN-E | 0 | Engineering          | Siemens | GUTEA |