



\*\*\*spare part\*\*\* SIMATIC S7-300 CPU 315-2 PN/DP, central processing unit with 384 KB work memory, 1st interface MPI/DP 12 Mbps, 2nd interface Ethernet PROFINET, with 2-port switch, Micro Memory Card required

| General information   |  |
|---|--|
| Product type designation                                    | CPU 315-2 PN/DP                            |
| HW functional status  | 01   |
| Firmware version  | V3.2                                       |
| Product function  |  |
| • Isochronous mode  | Yes; Via PROFIBUS DP or PROFINET interface |
| Engineering with  |  |
| • Programming package                                       | STEP 7 V5.5 or higher                      |
| Supply voltage  |  |
| Rated value (DC)  | 24 V                                       |
| permissible range, lower limit (DC)                         | 20.4 V                                     |
| permissible range, upper limit (DC)                         | 28.8 V                                     |
| external protection for power supply lines (recommendation) | 2 A min.                                   |
| Mains buffering   |  |
| • Mains/voltage failure stored energy time                  | 5 ms                                       |
| • Repeat rate, min.   | 1 s  |
| Input current   |  |
| Current consumption (rated value)                           | 750 mA                                     |
| Current consumption (in no-load operation), typ.            | 150 mA                                     |
| Inrush current, typ.  | 4 A  |
| $I^2t$  | 1 A <sup>2</sup> ·s                        |
| Power loss  |  |
| Power loss, typ.  | 4.65 W                                     |
| Memory  |  |
| Work memory   |  |
| • integrated  | 384 kbyte                                  |
| • expandable  | No   |
| Load memory   |  |
| • Plug-in (MMC)   | Yes  |
| • Plug-in (MMC), max.                                       | 8 Mbyte                                    |
| • Data management on MMC (after last programming), min.     | 10 a                                       |
| Backup  |  |
| • present   | Yes; Guaranteed by MMC (maintenance-free)  |
| • without battery   | Yes; Program and data                      |
| CPU processing times  |  |
| for bit operations, typ.                                    | 0.05 μs                                    |
| for word operations, typ.                                   | 0.09 μs                                    |
| for fixed point arithmetic, typ.                            | 0.12 μs                                    |
| for floating point arithmetic, typ.                         | 0.45 μs                                    |

**CPU-blocks**

|   |   |
|---|---|
| Number of blocks (total)                                  | 1 024; (DBs, FCs, FBs); the maximum number of loadable blocks can be reduced by the MMC used. |
| <b>DB</b>   |   |
| • Number, max.  | 1 024; Number range: 1 to 16000   |
| • Size, max.  | 64 kbyte  |
| <b>FB</b>   |   |
| • Number, max.  | 1 024; Number range: 0 to 7999  |
| • Size, max.  | 64 kbyte  |
| <b>FC</b>   |   |
| • Number, max.  | 1 024; Number range: 0 to 7999  |
| • Size, max.  | 64 kbyte  |
| <b>OB</b>   |   |
| • Size, max.  | 64 kbyte  |
| • Number of free cycle OBs                                | 1; OB 1   |
| • Number of time alarm OBs                                | 1; OB 10  |
| • Number of delay alarm OBs                               | 2; OB 20, 21  |
| • Number of cyclic interrupt OBs                          | 4; OB 32, 33, 34, 35  |
| • Number of process alarm OBs                             | 1; OB 40  |
| • Number of DPV1 alarm OBs                                | 3; OB 55, 56, 57  |
| • Number of isochronous mode OBs                          | 1; OB 61  |
| • Number of startup OBs                                   | 1; OB 100   |
| • Number of asynchronous error OBs                        | 6; OB 80, 82, 83, 85, 86, 87 (OB83 only for PROFINET IO)                                      |
| • Number of synchronous error OBs                         | 2; OB 121, 122  |
| <b>Nesting depth</b>                                      |   |
| • per priority class                                      | 16  |
| • additional within an error OB                           | 4   |
| <b>Counters, timers and their retentivity</b>             |   |
| <b>S7 counter</b>   |   |
| • Number  | 256   |
| <b>Retentivity</b>  |   |
| — adjustable  | Yes   |
| — preset  | Z 0 to Z 7  |
| <b>Counting range</b>                                     |   |
| — adjustable  | Yes   |
| — lower limit   | 0   |
| — upper limit   | 999   |
| <b>IEC counter</b>  |   |
| • present   | Yes   |
| • Type  | SFB   |
| • Number  | Unlimited (limited only by RAM capacity)  |
| <b>S7 times</b>   |   |
| • Number  | 256   |
| <b>Retentivity</b>  |   |
| — adjustable  | Yes   |
| — preset  | No retentivity  |
| <b>Time range</b>   |   |
| — lower limit   | 10 ms   |
| — upper limit   | 9 990 s   |
| <b>IEC timer</b>  |   |
| • present   | Yes   |
| • Type  | SFB   |
| • Number  | Unlimited (limited only by RAM capacity)  |
| <b>Data areas and their retentivity</b>                   |   |
| Retentive data area (incl. timers, counters, flags), max. | 128 kbyte   |
| <b>Flag</b>   |   |
| • Size, max.  | 2 048 byte  |
| • Retentivity available                                   | Yes; MB 0 to MB 2 047   |
| • Retentivity preset                                      | MB 0 to MB 15   |
| • Number of clock memories                                | 8; 1 memory byte  |
| <b>Data blocks</b>  |   |

|   |   |
|---|---|
| • Retentivity adjustable                                  | Yes; via non-retain property on DB  |
| • Retentivity preset                                      | Yes   |
| <b>Local data</b>   |   |
| • per priority class, max.                                | 32 768 byte; Max. 2048 bytes per block                                    |
| <b>Address area</b>                                       |   |
| <b>I/O address area</b>                                   |   |
| • Inputs  | 2 048 byte  |
| • Outputs   | 2 048 byte  |
| of which distributed                                      |   |
| — Inputs  | 2 048 byte  |
| — Outputs   | 2 048 byte  |
| <b>Process image</b>                                      |   |
| • Inputs  | 2 048 byte  |
| • Outputs   | 2 048 byte  |
| • Inputs, adjustable                                      | 2 048 byte  |
| • Outputs, adjustable                                     | 2 048 byte  |
| • Inputs, default   | 128 byte  |
| • Outputs, default  | 128 byte  |
| <b>Subprocess images</b>                                  |   |
| • Number of subprocess images, max.                       | 1; With PROFINET IO, the length of the user data is limited to 1600 bytes |
| <b>Digital channels</b>                                   |   |
| • Inputs  | 16 384  |
| — of which central  | 1 024   |
| • Outputs   | 16 384  |
| — of which central  | 1 024   |
| <b>Analog channels</b>                                    |   |
| • Inputs  | 1 024   |
| — of which central  | 256   |
| • Outputs   | 1 024   |
| — of which central  | 256   |
| <b>Hardware configuration</b>                             |   |
| Number of expansion units, max.                           | 3   |
| <b>Number of DP masters</b>                               |   |
| • integrated  | 1   |
| • via CP  | 4   |
| <b>Number of operable FMs and CPs (recommended)</b>       |   |
| • FM  | 8   |
| • CP, PtP   | 8   |
| • CP, LAN   | 10  |
| <b>Rack</b>   |   |
| • Racks, max.   | 4   |
| • Modules per rack, max.                                  | 8   |
| <b>Time of day</b>  |   |
| <b>Clock</b>  |   |
| • Hardware clock (real-time)                              | Yes   |
| • retentive and synchronizable                            | Yes   |
| • Backup time   | 6 wk; At 40 °C ambient temperature  |
| • Deviation per day, max.                                 | 10 s; Typ.: 2 s   |
| • Behavior of the clock following POWER-ON                | Clock continues running after POWER OFF                                   |
| • Behavior of the clock following expiry of backup period | the clock continues at the time of day it had when power was switched off |
| <b>Operating hours counter</b>                            |   |
| • Number  | 1   |
| • Number/Number range                                     | 0   |
| • Range of values   | 0 to 2 <sup>31</sup> hours (when using SFC 101)                           |
| • Granularity   | 1 h   |
| • retentive   | Yes; Must be restarted at each restart                                    |
| <b>Clock synchronization</b>                              |   |
| • supported   | Yes   |
| • to MPI, master  | Yes   |
| • on MPI, device  | Yes   |

|  |  |
|--|--|
| <ul style="list-style-type: none"> <li>• to DP, master</li> <li>• on DP, device</li> <li>• in AS, master</li> <li>• in AS, device</li> <li>• on Ethernet via NTP</li> </ul>  | Yes; With DP slave only slave clock<br>Yes<br>Yes<br>Yes<br>Yes; As client   |
| <b>Digital inputs</b>  |  |
| Number of digital inputs   | 0  |
| <b>Digital outputs</b>   |  |
| Number of digital outputs  | 0  |
| <b>Analog inputs</b>   |  |
| Number of analog inputs  | 0  |
| <b>Interfaces</b>  |  |
| Number of PROFINET interfaces  | 1; 2 ports (switch) RJ45   |
| Number of RS 485 interfaces  | 1; Combined MPI / PROFIBUS DP  |
| Number of RS 422 interfaces  | 0  |
| <b>1. Interface</b>  |  |
| Interface type   | Integrated RS 485 interface  |
| Isolated   | Yes  |
| <b>Interface types</b>   |  |
| <ul style="list-style-type: none"> <li>• RS 485</li> <li>• Output current of the interface, max.</li> </ul>  | Yes<br>200 mA  |
| <b>Protocols</b>   |  |
| <ul style="list-style-type: none"> <li>• MPI</li> <li>• PROFIBUS DP master</li> <li>• PROFIBUS DP device</li> <li>• Point-to-point connection</li> </ul>   | Yes<br>Yes<br>Yes<br>No  |
| <b>MPI</b>   |  |
| <ul style="list-style-type: none"> <li>• Transmission rate, max.</li> </ul>  | 12 Mbit/s  |
| <b>Services</b>  |  |
| <ul style="list-style-type: none"> <li>— PG/OP communication</li> <li>— Routing</li> <li>— Global data communication</li> <li>— S7 basic communication</li> <li>— S7 communication</li> <li>— S7 communication, as client</li> <li>— S7 communication, as server</li> </ul>  | Yes<br>Yes<br>Yes<br>Yes<br>Yes<br>No; but via CP and loadable FB<br>Yes   |
| <b>PROFIBUS DP master</b>  |  |
| <ul style="list-style-type: none"> <li>• Transmission rate, max.</li> <li>• max. number of DP devices</li> </ul>   | 12 Mbit/s<br>124   |
| <b>Services</b>  |  |
| <ul style="list-style-type: none"> <li>— PG/OP communication</li> <li>— Routing</li> <li>— Global data communication</li> <li>— S7 basic communication</li> <li>— S7 communication</li> <li>— S7 communication, as client</li> <li>— S7 communication, as server</li> <li>— Equidistance</li> <li>— Isochronous mode</li> <li>— SYNC/FREEZE</li> <li>— activation/deactivation of DP devices</li> <li>— max. number of DP devices that can be activated/deactivated at the same time</li> <li>— Direct data exchange (slave-to-slave communication)</li> <li>— DPV1</li> </ul> | Yes<br>Yes<br>No<br>Yes; I blocks only<br>Yes<br>No<br>Yes<br>Yes<br>Yes; OB 61; isochronous mode can only be used alternatively on PROFIBUS DP or PROFINET IO<br>Yes<br>Yes<br>8<br>Yes; as subscriber<br>Yes |
| <b>Address area</b>  |  |
| <ul style="list-style-type: none"> <li>— Inputs, max.</li> <li>— Outputs, max.</li> </ul>  | 2 kbyte<br>2 kbyte   |
| User data per DP device  |  |

|   |   |
|---|---|
| — Inputs, max.  | 244 byte  |
| — Outputs, max.   | 244 byte  |
| <b>1st interface / PROFIBUS DP device / header</b>                |   |
| • Transmission rate, max.   | 12 Mbit/s   |
| • automatic baud rate search                                      | Yes; only with passive interface  |
| • Address area, max.  | 32  |
| • User data per address area, max.                                | 32 byte   |
| <b>Services</b>   |   |
| — PG/OP communication   | Yes   |
| — Routing   | Yes; Only with active interface   |
| — Global data communication                                       | No  |
| — S7 basic communication  | No  |
| — S7 communication  | Yes   |
| — S7 communication, as client                                     | No  |
| — S7 communication, as server                                     | Yes; Connection configured on one side only   |
| — Direct data exchange (slave-to-slave communication)             | Yes   |
| — DPV1  | No  |
| <b>Transfer memory</b>  |   |
| — Inputs  | 244 byte  |
| — Outputs   | 244 byte  |
| <b>2. Interface</b>   |   |
| Interface type  | PROFINET  |
| Isolated  | Yes   |
| automatic detection of transmission rate                          | Yes; 10/100 Mbit/s  |
| Autonegotiation   | Yes   |
| Autocrossing  | Yes   |
| Change of IP address at runtime, supported                        | Yes   |
| <b>Interface types</b>  |   |
| • RJ 45 (Ethernet)  | Yes   |
| • Number of ports   | 2   |
| • integrated switch   | Yes   |
| <b>Protocols</b>  |   |
| • MPI   | No  |
| • PROFINET IO Controller  | Yes; Also simultaneously with IO-Device functionality                                     |
| • PROFINET IO Device  | Yes; Also simultaneously with IO Controller functionality                                 |
| • PROFINET CBA  | Yes   |
| • PROFIBUS DP master  | No  |
| • PROFIBUS DP device  | No  |
| • Open IE communication   | Yes; Via TCP/IP, ISO on TCP, and UDP  |
| • Web server  | Yes   |
| • Media redundancy  | Yes   |
| <b>PROFINET IO Controller</b>                                     |   |
| • Transmission rate, max.   | 100 Mbit/s  |
| <b>Services</b>   |   |
| — PG/OP communication   | Yes   |
| — Routing   | Yes   |
| — S7 communication  | Yes; With loadable FBs, max. configurable connections: 14, max. number of instances: 32   |
| — Isochronous mode  | Yes; OB 61; isochronous mode can only be used alternatively on PROFIBUS DP or PROFINET IO |
| — IRT   | Yes   |
| — Shared device   | Yes   |
| — Prioritized startup   | Yes   |
| — Number of IO devices with prioritized startup, max.             | 32  |
| — Number of connectable IO Devices, max.                          | 128   |
| — Of which IO devices with IRT, max.                              | 64  |
| — of which in line, max.  | 64  |
| — Number of IO Devices with IRT and the option "high flexibility" | 128   |
| — of which in line, max.  | 61  |
| — Number of connectable IO Devices for RT, max.                   | 128   |

|   |   |
|---|---|
| — of which in line, max.  | 128   |
| — Activation/deactivation of IO Devices                                       | Yes   |
| — Number of IO Devices that can be simultaneously activated/deactivated, max. | 8   |
| — IO Devices changing during operation (partner ports), supported             | Yes   |
| — Number of IO Devices per tool, max.   | 8   |
| — Device replacement without swap medium                                      | Yes   |
| — Send cycles   | 250 µs, 500 µs, 1 ms; 2 ms, 4 ms (not in the case of IRT with "high flexibility" option)                                      |
| — Updating time   | 250 µs to 512 ms (depending on the operating mode, see Manual "S7-300 CPU 31xC and CPU 31x, technical Data" for more details) |
| <b>Address area</b>   |   |
| — Inputs, max.  | 2 kbyte   |
| — Outputs, max.   | 2 kbyte   |
| — User data consistency, max.   | 1 024 byte  |
| <b>PROFINET IO Device</b>   |   |
| <b>Services</b>   |   |
| — PG/OP communication   | Yes   |
| — Routing   | Yes   |
| — S7 communication  | Yes; With loadable FBs, max. configurable connections: 14, max. number of instances: 32                                       |
| — Isochronous mode  | No  |
| — IRT   | Yes   |
| — PROFinergy  | Yes; With SFB 73 / 74 prepared for loadable PROFinergy standard FB for I-Device   |
| — Shared device   | Yes   |
| — Number of IO Controllers with shared device, max.                           | 2   |
| <b>Transfer memory</b>  |   |
| — Inputs, max.  | 1 440 byte; Per IO Controller with shared device  |
| — Outputs, max.   | 1 440 byte; Per IO Controller with shared device  |
| <b>Submodules</b>   |   |
| — Number, max.  | 64  |
| — User data per submodule, max.   | 1 024 byte  |
| <b>PROFINET CBA</b>   |   |
| • acyclic transmission  | Yes   |
| • cyclic transmission   | Yes   |
| <b>Open IE communication</b>  |   |
| • Number of connections, max.   | 8   |
| • Local port numbers used at the system end                                   | 0, 20, 21, 23, 25, 80, 102, 135, 161, 443, 8080, 34962, 34963, 34964, 65532, 65533, 65534, 65535                              |
| • Keep-alive function, supported  | Yes   |
| <b>Protocols</b>  |   |
| PROFIsafe   | No  |
| <b>Redundancy mode</b>  |   |
| <b>Media redundancy</b>   |   |
| — Switchover time on line break, typ.   | 200 ms; PROFINET MRP  |
| — Number of stations in the ring, max.  | 50  |
| <b>Open IE communication</b>  |   |
| • TCP/IP  | Yes; via integrated PROFINET interface and loadable FBs   |
| — Number of connections, max.   | 8   |
| — Data length for connection type 01H, max.                                   | 1 460 byte  |
| — Data length for connection type 11H, max.                                   | 32 768 byte   |
| — several passive connections per port, supported                             | Yes   |
| • ISO-on-TCP (RFC1006)  | Yes; via integrated PROFINET interface and loadable FBs   |
| — Number of connections, max.   | 8   |
| — Data length, max.   | 32 768 byte   |
| • UDP   | Yes; via integrated PROFINET interface and loadable FBs   |
| — Number of connections, max.   | 8   |
| — Data length, max.   | 1 472 byte  |
| <b>Web server</b>   |   |
| • supported   | Yes   |
| • User-defined websites   | Yes   |

|  |   |
|--|---|
| • Number of HTTP clients   | 5   |
| <b>communication functions / header</b>  |   |
| PG/OP communication  | Yes   |
| Data record routing  | Yes   |
| <b>Global data communication</b>   |   |
| • supported  | Yes   |
| • Number of GD loops, max.   | 8   |
| • Number of GD packets, max.   | 8   |
| • Number of GD packets, transmitter, max.  | 8   |
| • Number of GD packets, receiver, max.   | 8   |
| • Size of GD packets, max.   | 22 byte   |
| • Size of GD packet (of which consistent), max.  | 22 byte   |
| <b>S7 basic communication</b>  |   |
| • supported  | Yes   |
| • User data per job, max.  | 76 byte   |
| • User data per job (of which consistent), max.  | 76 byte; 76 bytes (with X_SEND or X_RCV); 64 bytes (with X_PUT or X_GET as server)                    |
| <b>S7 communication</b>  |   |
| • supported  | Yes   |
| • as server  | Yes   |
| • as client  | Yes; via integrated PROFINET interface and loadable FB or via CP and loadable FB                      |
| • User data per job, max.  | See online help of STEP 7 (shared parameters of the SFBs/FBs and of the SFCs/FCs of S7 Communication) |
| <b>S5 compatible communication</b>   |   |
| • supported  | Yes; via CP and loadable FC   |
| <b>communication functions / PROFINET CBA (with set target communication load) / header</b>      |   |
| • Setpoint for the CPU communication load  | 50 %  |
| • Number of remote interconnection partners  | 32  |
| • number of master/device functions  | 30  |
| • total of all master/device connections   | 1 000   |
| • data length of all incoming master/device connections, max.                                    | 4 000 byte  |
| • data length of all outgoing master/device connections, max.                                    | 4 000 byte  |
| • Number of device-internal and PROFIBUS interconnections  | 500   |
| • Data length of device-internal und PROFIBUS interconnections, max.                             | 4 000 byte  |
| • Data length per connection, max.   | 1 400 byte  |
| <b>performance data / PROFINET CBA / remote interconnection / with acyclic transfer / header</b> |   |
| — Sampling interval, min.  | 500 ms  |
| — Number of incoming interconnections  | 100   |
| — Number of outgoing interconnections  | 100   |
| — Data length of all incoming interconnections, max.   | 2 000 byte  |
| — Data length of all outgoing interconnections, max.   | 2 000 byte  |
| — Data length per connection, max.   | 1 400 byte  |
| <b>performance data / PROFINET CBA / remote interconnection / with cyclic transfer / header</b>  |   |
| — Transmission frequency: Transmission interval, min.  | 10 ms   |
| — Number of incoming interconnections  | 200   |
| — Number of outgoing interconnections  | 200   |
| — Data length of all incoming interconnections, max.   | 2 000 byte  |
| — Data length of all outgoing interconnections, max.   | 2 000 byte  |
| — Data length per connection, max.   | 450 byte  |
| <b>performance data / PROFINET CBA / HMI variables via PROFINET / acyclic / header</b>           |   |
| — Number of stations that can log on for HMI variables (PN OPC/iMap)                             | 3; 2x PN OPC/1x iMap  |
| — HMI variable updating  | 500 ms  |
| — Number of HMI variables  | 200   |
| — Data length of all HMI variables, max.   | 2 000 byte  |
| <b>performance data / PROFINET CBA / PROFIBUS proxy functionality / header</b>                   |   |
| — supported  | Yes   |
| — Number of linked PROFIBUS devices  | 16  |

|  |   |
|--|---|
| — Data length per connection, max.                   | 240 byte; Slave-dependent   |
| <b>Number of connections</b>                         |   |
| • overall  | 16  |
| • usable for PG communication                        | 15  |
| — reserved for PG communication                      | 1   |
| — adjustable for PG communication, min.              | 1   |
| — adjustable for PG communication, max.              | 15  |
| • usable for OP communication                        | 15  |
| — reserved for OP communication                      | 1   |
| — adjustable for OP communication, min.              | 1   |
| — adjustable for OP communication, max.              | 15  |
| • usable for S7 basic communication                  | 14  |
| — reserved for S7 basic communication                | 0   |
| — adjustable for S7 basic communication, min.        | 0   |
| — adjustable for S7 basic communication, max.        | 14  |
| • usable for S7 communication                        | 14  |
| — reserved for S7 communication                      | 0   |
| — adjustable for S7 communication, min.              | 0   |
| — adjustable for S7 communication, max.              | 14  |
| • total number of instances, max.                    | 32  |
| • usable for routing                                 | X1 as MPI: max. 10; X1 as DP master: max. 24; X1 as DP slave (active): max. 14; X2 as PROFINET: 24 max. |
| <b>S7 message functions</b>                          |   |
| Number of login stations for message functions, max. | 16; Depending on the configured connections for PG/OP and S7 basic communication                        |
| Process diagnostic messages                          | Yes   |
| simultaneously active Alarm_S blocks, max.           | 300   |
| <b>Test commissioning functions</b>                  |   |
| Status block   | Yes; Up to 2 simultaneously   |
| Single step  | Yes   |
| Number of breakpoints                                | 4   |
| <b>Status/control</b>                                |   |
| • Status/control variable                            | Yes   |
| • Variables  | Inputs, outputs, memory bits, DB, times, counters   |
| • Number of variables, max.                          | 30  |
| — of which status variables, max.                    | 30  |
| — of which control variables, max.                   | 14  |
| <b>Forcing</b>                                       |   |
| • Forcing  | Yes   |
| • Forcing, variables                                 | Inputs, outputs   |
| • Number of variables, max.                          | 10  |
| <b>Diagnostic buffer</b>                             |   |
| • present  | Yes   |
| • Number of entries, max.                            | 500   |
| — adjustable   | No  |
| — of which powerfail-proof                           | 100; Only the last 100 entries are retained   |
| • Number of entries readable in RUN, max.            | 499   |
| — adjustable   | Yes; From 10 to 499   |
| — preset   | 10  |
| <b>Service data</b>                                  |   |
| • can be read out                                    | Yes   |
| <b>Ambient conditions</b>                            |   |
| Ambient temperature during operation                 |   |
| • min.   | 0 °C  |
| • max.   | 60 °C   |
| <b>configuration / header</b>                        |   |
| Configuration software                               |   |
| • STEP 7   | Yes; V5.5 or higher   |
| configuration / programming / header                 |   |
| • Command set  | see instruction list  |
| • Nesting levels                                     | 8   |

|   |                            |
|---|----------------------------|
| • System functions (SFC)                      | see instruction list       |
| • System function blocks (SFB)                | see instruction list       |
| <b>Programming language</b>                   |                            |
| — LAD   | Yes                        |
| — FBD   | Yes                        |
| — STL   | Yes                        |
| — SCL   | Yes                        |
| — CFC   | Yes                        |
| — GRAPH                                       | Yes                        |
| — HiGraph®                                    | Yes                        |
| <b>Know-how protection</b>                    |                            |
| • User program protection/password protection | Yes                        |
| • Block encryption                            | Yes; With S7 block Privacy |

|                   |        |
|-------------------|--------|
| <b>Dimensions</b> |        |
| Width             | 40 mm  |
| Height            | 125 mm |
| Depth             | 130 mm |

|                 |       |
|-----------------|-------|
| <b>Weights</b>  |       |
| Weight, approx. | 340 g |

|                        |        |                |                       |
|------------------------|--------|----------------|-----------------------|
| <b>Classifications</b> |        |                |                       |
|                        |        | <b>Version</b> | <b>Classification</b> |
|                        | eClass | 14             | 27-24-22-07           |
|                        | eClass | 12             | 27-24-22-07           |
|                        | eClass | 9.1            | 27-24-22-07           |
|                        | eClass | 9              | 27-24-22-07           |
|                        | eClass | 8              | 27-24-22-07           |
|                        | eClass | 7.1            | 27-24-22-07           |
|                        | eClass | 6              | 27-24-22-07           |
|                        | ETIM   | 10             | EC000236              |
|                        | ETIM   | 9              | EC000236              |
|                        | ETIM   | 8              | EC000236              |
|                        | ETIM   | 7              | EC000236              |
|                        | IDEA   | 4              | 3565                  |
|                        | UNSPSC | 15             | 32-15-17-05           |

|                                 |     |
|---------------------------------|-----|
| <b>Approvals / Certificates</b> |     |
| General Product Approval        | EMV |



|  |                              |  |   |
|--|------------------------------|--|---|
| <b>Test Certificates</b>                           | <b>other</b>                 | <b>Railway</b>                           | <b>Environment</b>                          |
| <a href="#">Type Test Certificates/Test Report</a> | <a href="#">Confirmation</a> | <a href="#">Special Test Certificate</a> | <a href="#">Environmental Confirmations</a> |
|  |                              |  |   |

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