## SIEMENS

## Data sheet

## 6ES7315-2EH14-0AB0



SIMATIC S7-300 CPU 315-2 PN/DP, Central processing unit with 384 KB work memory, 1st interface MPI/DP 12 Mbit/s, 2nd interface Ethernet PROFINET, with 2-port switch, Micro Memory Card required

General information	
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
l²t	1 A²·s
Power loss	
Power loss, typ.	4.65 W
Memory	
Work memory	
integrated	384 kbyte
• expandable	No
Load memory	
• Plug-in (MMC)	Yes
<ul> <li>Plug-in (MMC), max.</li> </ul>	8 Mbyte
• Data management on MMC (after last programming), min.	10 a
	10 a
min.	10 a Yes; Guaranteed by MMC (maintenance-free)
min. Backup	
min. Backup • present	Yes; Guaranteed by MMC (maintenance-free)
min. Backup • present • without battery	Yes; Guaranteed by MMC (maintenance-free)
min. Backup • present • without battery CPU processing times	Yes; Guaranteed by MMC (maintenance-free) Yes; Program and data
min. Backup  • present • without battery  CPU processing times for bit operations, typ.	Yes; Guaranteed by MMC (maintenance-free) Yes; Program and data 0.05 μs
min. Backup  • present • without battery  CPU processing times for bit operations, typ. for word operations, typ.	Yes; Guaranteed by MMC (maintenance-free) Yes; Program and data 0.05 µs 0.09 µs

Number of blocks (total)	1 024; (DBs, FCs, FBs); the maximum number of loadable blocks can be
	reduced by the MMC used.
DB	
<ul> <li>Number, max.</li> </ul>	1 024; Number range: 1 to 16000
• Size, max.	64 kbyte
FB	
• Number, max.	1 024; Number range: 0 to 7999
• Size, max.	64 kbyte
FC	
• Number, max.	1 024; Number range: 0 to 7999
• Size, max.	64 kbyte
OB	
• Size, max.	64 kbyte
<ul> <li>Number of free cycle OBs</li> </ul>	1; OB 1
<ul> <li>Number of time alarm OBs</li> </ul>	1; OB 10
<ul> <li>Number of delay alarm OBs</li> </ul>	2; OB 20, 21
<ul> <li>Number of cyclic interrupt OBs</li> </ul>	4; OB 32, 33, 34, 35
<ul> <li>Number of process alarm OBs</li> </ul>	1; OB 40
<ul> <li>Number of DPV1 alarm OBs</li> </ul>	3; OB 55, 56, 57
<ul> <li>Number of isochronous mode OBs</li> </ul>	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)
<ul> <li>Number of synchronous error OBs</li> </ul>	2; OB 121, 122
Nesting depth	
<ul> <li>per priority class</li> </ul>	16
<ul> <li>additional within an error OB</li> </ul>	4
Counters, timers and their retentivity	
S7 counter	
• Number	256
Retentivity	
— adjustable	Yes
— lower limit	0
— upper limit	255
— preset	Z 0 to Z 7
Counting range	
— adjustable	Yes
— lower limit	0
— upper limit	999
IEC counter	
• present	Yes
• Туре	SFB
• Number	Unlimited (limited only by RAM capacity)
S7 times	
• Number	256
Retentivity	
— adjustable	Yes
— lower limit	0
— upper limit	255
— preset	No retentivity
Time range	
— lower limit	10 ms
— upper limit	9 990 s
IEC timer	
• present	Yes
• Type	SFB
Number	Unlimited (limited only by RAM capacity)
Data areas and their retentivity	
Retentive data area (incl. timers, counters, flags), max.	128 kbyte
Flag	120 Myto
• 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
Data blocks	
<ul> <li>Retentivity adjustable</li> </ul>	Yes; via non-retain property on DB
Retentivity preset	Yes
Local data	
<ul> <li>per priority class, max.</li> </ul>	32 768 byte; Max. 2048 bytes per block
Address area	
I/O address area	
Inputs	2 048 byte
Outputs	2 048 byte
of which distributed	
— Inputs	2 048 byte
— Outputs	2 048 byte
Process image	
• 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
Subprocess images	
Number of subprocess images, max.	1; With PROFINET IO, the length of the user data is limited to 1600 bytes
Digital channels	
Inputs	16 384
— of which central	1 024
Outputs	16 384
— of which central	1 024
Analog channels	
Inputs	1 024
— of which central	256
Outputs	1 024
— of which central	256
Hardware configuration	
Number of expansion units, max.	3
Number of DP masters	
integrated	1
• via CP	4
Number of operable FMs and CPs (recommended)	
• FM	8
• CP, PtP	8
• CP, LAN	10
• CP, LAN Rack	
• Racks, max.	4
	4
Modules per rack, max.	8
Time of day	
Clock	
<ul> <li>Hardware clock (real-time)</li> </ul>	Yes
<ul> <li>retentive and synchronizable</li> </ul>	Yes
Backup time	6 wk; At 40 °C ambient temperature
<ul> <li>Deviation per day, max.</li> </ul>	10 s; Typ.: 2 s
<ul> <li>Behavior of the clock following POWER-ON</li> </ul>	Clock continues running after POWER OFF
<ul> <li>Behavior of the clock following expiry of backup period</li> </ul>	the clock continues at the time of day it had when power was switched off
Operating hours counter	
Number	1
Number/Number range	0
Range of values	0 to 2^31 hours (when using SFC 101)
• Granularity	1h
retentive	Yes; Must be restarted at each restart
Clock synchronization	

	Ver
• supported	Yes
• to MPI, master	Yes
• to MPI, slave	Yes
• to DP, master	Yes; With DP slave only slave clock
• to DP, slave	Yes
• in AS, master	Yes
• in AS, slave	Yes
<ul> <li>on Ethernet via NTP</li> </ul>	Yes; As client
Digital inputs	
Number of digital inputs	0
Digital outputs	
Number of digital outputs	0
Analog inputs	
Number of analog inputs	0
Analog outputs	
Number of analog outputs	0
Interfaces	
Number of industrial Ethernet interfaces	1; 2 ports (switch) RJ45
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
1. Interface	
	Integrated DC 495 interface
Interface type	Integrated RS 485 interface
Isolated	Yes
Interface types	
• RS 485	Yes
Output current of the interface, max.	200 mA
Protocols	
• MPI	Yes
PROFIBUS DP master	Yes
<ul> <li>PROFIBUS DP slave</li> </ul>	Yes
Point-to-point connection	No
MPI	
Transmission rate, max.	12 Mbit/s
Services	
— PG/OP communication	Yes
— Routing	Yes
<ul> <li>Global data communication</li> </ul>	Yes
<ul> <li>— S7 basic communication</li> </ul>	Yes
— S7 communication	Yes
- S7 communication, as client	No; but via CP and loadable FB
— S7 communication, as server	Yes
PROFIBUS DP master	
Transmission rate, max.	12 Mbit/s
Number of DP slaves, max.	124
Services	
— PG/OP communication	Yes
— Routing	Yes
— Global data communication	No
— S7 basic communication	Yes; I blocks only
— S7 communication	Yes
- S7 communication, as client	No
— S7 communication, as server	Yes
— Equidistance	Yes
<ul> <li>Equidistance</li> <li>Isochronous mode</li> </ul>	Yes; OB 61; isochronous mode can only be used alternatively on PROFIBUS
	DP or PROFINET IO
- SYNC/FREEZE	Yes
<ul> <li>Activation/deactivation of DP slaves</li> </ul>	Yes
<ul> <li>Number of DP slaves that can be simultaneously activated/deactivated, max.</li> </ul>	8
<ul> <li>— Direct data exchange (slave-to-slave</li> </ul>	Yes; as subscriber

communication)	
— DPV1	Yes
Address area	
— Inputs, max.	2 kbyte
— Outputs, max.	2 kbyte
User data per DP slave	Z KUYIC
— Inputs, max.	244 byte
— Outputs, max.	244 byte
PROFIBUS DP slave	244 Dyte
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
Services	52 byte
— PG/OP communication	Yes
- Routing	Yes; Only with active interface
— Global data communication	No
- S7 basic communication	No Yes
- S7 communication	
— S7 communication, as client	No
— S7 communication, as server	Yes; Connection configured on one side only
<ul> <li>— Direct data exchange (slave-to-slave communication)</li> </ul>	Yes
— DPV1	No
Transfer memory	
— Inputs	244 byte
— Outputs	244 byte
2. Interface	
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
Interface types	
RJ 45 (Ethernet)	Yes
Number of ports	2
integrated switch	Yes
Protocols	
• 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 slave	No
Open IE communication	Yes; Via TCP/IP, ISO on TCP, and UDP
Web server	
Media redundancy	Yes
PROFINET IO Controller	
Transmission rate, max.	100 Mbit/s
Fransmission rate, max.     Services	
— PG/OP communication	Yes
	Yes
— Routing — 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
<ul> <li>Number of IO devices with prioritized startup, max.</li> </ul>	32
<ul> <li>— Number of connectable IO Devices, max.</li> </ul>	128

	<u>0</u> 4
<ul> <li>Of which IO devices with IRT, max.</li> <li>of which in line, max</li> </ul>	64
— of which in line, max.	64
<ul> <li>— Number of IO Devices with IRT and the option "high flexibility"</li> </ul>	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	8
activated/deactivated, max. — IO Devices changing during operation (partner	Yes
ports), supported	
<ul> <li>Number of IO Devices per tool, max.</li> </ul>	8
<ul> <li>Device replacement without swap medium</li> </ul>	Yes
— Send cycles	$250\ \mu\text{s},500\ \mu\text{s},1\ \text{ms};2\ \text{ms},4\ \text{ms}$ (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)
Address area	
— Inputs, max.	2 kbyte
— Outputs, max.	2 kbyte
— User data consistency, max.	1 024 byte
PROFINET IO Device	
Services	
— 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
— PROFlenergy	Yes; With SFB 73 / 74 prepared for loadable PROFlenergy standard FB for I-
— Shared device	Device Yes
<ul> <li>— Number of IO Controllers with shared device, max.</li> </ul>	2
Transfer memory	
— Inputs, max.	1 440 byte; Per IO Controller with shared device
— Outputs, max.	1 440 byte; Per IO Controller with shared device
Submodules	
— Number, max.	64
— User data per submodule, max.	1 024 byte
PROFINET CBA	
acyclic transmission	Yes
cyclic transmission	Yes
Open IE communication	
Number of connections, max.	8
<ul> <li>Local port numbers used at the system end</li> </ul>	o 0, 20, 21, 23, 25, 80, 102, 135, 161, 443, 8080, 34962, 34963, 34964, 65532, 65533, 65534, 65535
<ul> <li>Keep-alive function, supported</li> </ul>	Yes
Protocols	
PROFIsafe	No
Redundancy mode	
Media redundancy	
— Switchover time on line break, typ.	200 ms; PROFINET MRP
— Number of stations in the ring, max.	50
Open IE communication	
TCP/IP	Ver: via integrated DDOEINET interface and leadable EBa
	Yes; via integrated PROFINET interface and loadable FBs
— Number of connections, max.	
— Data length for connection type 01H, max.	8
<ul> <li>Data length for connection type 11H, max.</li> </ul>	1 460 byte
	1 460 byte 32 768 byte
- several passive connections per port, supported	1 460 byte 32 768 byte Yes
<ul> <li>several passive connections per port, supported</li> <li>ISO-on-TCP (RFC1006)</li> </ul>	1 460 byte 32 768 byte Yes Yes; via integrated PROFINET interface and loadable FBs
- several passive connections per port, supported	1 460 byte 32 768 byte Yes

• UDP	Yes; via integrated PROFINET interface and loadable FBs
- Number of connections, max.	8
— Data length, max.	1 472 byte
Web server	
supported	Yes
<ul> <li>User-defined websites</li> </ul>	Yes
Number of HTTP clients	5
communication functions / header	
PG/OP communication	Yes
Data record routing	Yes
Global data communication	
supported	Yes
<ul> <li>Number of GD loops, max.</li> </ul>	8
<ul> <li>Number of GD packets, max.</li> </ul>	8
<ul> <li>Number of GD packets, transmitter, max.</li> </ul>	8
<ul> <li>Number of GD packets, receiver, max.</li> </ul>	8
<ul> <li>Size of GD packets, max.</li> </ul>	22 byte
<ul> <li>Size of GD packet (of which consistent), max.</li> </ul>	22 byte
S7 basic communication	
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)
S7 communication	
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)
S5 compatible communication	
supported	Yes; via CP and loadable FC
	· · · · ·
• supported	· · · · ·
supported     communication functions / PROFINET CBA (with set target commu	unication load) / header
supported     communication functions / PROFINET CBA (with set target commu         Setpoint for the CPU communication load         number of remote connection partners / with PROFINET	unication load) / header 50 %
supported     communication functions / PROFINET CBA (with set target commu         Setpoint for the CPU communication load         number of remote connection partners / with PROFINET         CBA         number of technological functions / with PROFINET CBA	unication load) / header 50 % 32
<ul> <li>supported</li> <li>communication functions / PROFINET CBA (with set target communication for the CPU communication load</li> <li>number of remote connection partners / with PROFINET CBA</li> <li>number of technological functions / with PROFINET CBA / for master or slave</li> <li>number of connections / with PROFINET CBA / for master or slave / total</li> <li>data volume / of the input variables / with PROFINET CBA / for master or slave</li> </ul>	unication load) / header 50 % 32 30
<ul> <li>supported</li> <li>communication functions / PROFINET CBA (with set target communication for the CPU communication load</li> <li>number of remote connection partners / with PROFINET CBA</li> <li>number of technological functions / with PROFINET CBA / for master or slave</li> <li>number of connections / with PROFINET CBA / for master or slave / total</li> <li>data volume / of the input variables / with PROFINET</li> </ul>	unication load) / header 50 % 32 30 1 000
<ul> <li>supported</li> <li>communication functions / PROFINET CBA (with set target communication for the CPU communication load</li> <li>number of remote connection partners / with PROFINET CBA</li> <li>number of technological functions / with PROFINET CBA / for master or slave</li> <li>number of connections / with PROFINET CBA / for master or slave / total</li> <li>data volume / of the input variables / with PROFINET CBA / for master or slave</li> <li>data volume / of the output variables / with PROFINET</li> </ul>	unication load) / header 50 % 32 30 1 000 4 000 byte
<ul> <li>supported</li> <li>communication functions / PROFINET CBA (with set target communication for the CPU communication load <ul> <li>number of remote connection partners / with PROFINET CBA</li> <li>number of technological functions / with PROFINET CBA / for master or slave</li> <li>number of connections / with PROFINET CBA / for master or slave</li> <li>number of the input variables / with PROFINET CBA / for master or slave</li> <li>data volume / of the input variables / with PROFINET CBA / for master or slave</li> <li>data volume / of the output variables / with PROFINET CBA / for master or slave</li> <li>number of the output variables / with PROFINET CBA / for master or slave</li> </ul> </li> </ul>	unication load) / header 50 % 32 30 1 000 4 000 byte 4 000 byte
<ul> <li>supported</li> <li>communication functions / PROFINET CBA (with set target communication for the CPU communication load</li> <li>number of remote connection partners / with PROFINET CBA</li> <li>number of technological functions / with PROFINET CBA / for master or slave</li> <li>number of connections / with PROFINET CBA / for master or slave / total</li> <li>data volume / of the input variables / with PROFINET CBA / for master or slave</li> <li>data volume / of the output variables / with PROFINET CBA / for master or slave</li> <li>data volume / of the output variables / with PROFINET CBA / for master or slave</li> <li>data volume / of the output variables / with PROFINET CBA / for master or slave</li> <li>adata volume / of the output variables / with PROFINET CBA / for master or slave</li> <li>number of internal and PROFIBUS interconnections / with PROFINET CBA / maximum</li> <li>data volume / of internal and PROFIBUS interconnections / with PROFINET CBA / maximum</li> </ul>	unication load) / header 50 % 32 30 1 000 4 000 byte 4 000 byte 500
<ul> <li>supported</li> <li>communication functions / PROFINET CBA (with set target communication for the CPU communication load <ul> <li>number of remote connection partners / with PROFINET CBA</li> <li>number of technological functions / with PROFINET CBA / for master or slave</li> <li>number of connections / with PROFINET CBA / for master or slave / total</li> <li>data volume / of the input variables / with PROFINET CBA / for master or slave</li> <li>data volume / of the output variables / with PROFINET CBA / for master or slave</li> <li>data volume / of the output variables / with PROFINET CBA / for master or slave</li> <li>data volume / of the output variables / with PROFINET CBA / for master or slave</li> <li>number of internal and PROFIBUS interconnections / with PROFINET CBA / maximum</li> <li>data volume / of internal and PROFIBUS interconnections / with PROFINET CBA / for master or slave</li> </ul> </li> </ul>	unication load) / header 50 % 32 30 1 000 4 000 byte 4 000 byte 500 4 000 byte 1 400 byte 1 400 byte 1 400 byte
<ul> <li>supported</li> <li>communication functions / PROFINET CBA (with set target communication for the CPU communication load</li> <li>number of remote connection partners / with PROFINET CBA</li> <li>number of technological functions / with PROFINET CBA / for master or slave</li> <li>number of connections / with PROFINET CBA / for master or slave / total</li> <li>data volume / of the input variables / with PROFINET CBA / for master or slave</li> <li>data volume / of the output variables / with PROFINET CBA / for master or slave</li> <li>data volume / of the output variables / with PROFINET CBA / for master or slave</li> <li>data volume / of the output variables / with PROFINET CBA / for master or slave</li> <li>data volume / of the output variables / with PROFINET CBA / for master or slave</li> <li>number of internal and PROFIBUS interconnections / with PROFINET CBA / maximum</li> <li>data volume / of internal and PROFIBUS interconnections / with PROFINET CBA / for master or slave</li> <li>data volume / with PROFINET CBA / per connection / maximum</li> </ul>	unication load) / header 50 % 32 30 1 000 4 000 byte 4 000 byte 500 4 000 byte 1 400 byte
<ul> <li>supported</li> <li>communication functions / PROFINET CBA (with set target communication for the CPU communication load</li> <li>number of remote connection partners / with PROFINET CBA</li> <li>number of technological functions / with PROFINET CBA / for master or slave</li> <li>number of connections / with PROFINET CBA / for master or slave / total</li> <li>data volume / of the input variables / with PROFINET CBA / for master or slave</li> <li>data volume / of the output variables / with PROFINET CBA / for master or slave</li> <li>data volume / of the output variables / with PROFINET CBA / for master or slave</li> <li>data volume / of the output variables / with PROFINET CBA / for master or slave</li> <li>data volume / of the output variables / with PROFINET CBA / for master or slave</li> <li>adata volume / of the output variables / with PROFINET CBA / for master or slave</li> <li>data volume / of internal and PROFIBUS interconnections / with PROFINET CBA / for master or slave</li> <li>data volume / of internal and PROFIBUS interconnections / with PROFINET CBA / for master or slave</li> <li>data volume / with PROFINET CBA / per connection / maximum</li> <li>performance data / PROFINET CBA / per connection / maximum</li> </ul>	unication load) / header 50 % 32 30 1 000 4 000 byte 4 000 byte 500 4 000 byte 1 400 byte 1 400 byte 1 400 byte
<ul> <li>supported</li> <li>communication functions / PROFINET CBA (with set target communication for the CPU communication load</li> <li>number of remote connection partners / with PROFINET CBA</li> <li>number of technological functions / with PROFINET CBA / for master or slave</li> <li>number of connections / with PROFINET CBA / for master or slave / total</li> <li>data volume / of the input variables / with PROFINET CBA / for master or slave</li> <li>data volume / of the output variables / with PROFINET CBA / for master or slave</li> <li>data volume / of the output variables / with PROFINET CBA / for master or slave</li> <li>data volume / of the output variables / with PROFINET CBA / for master or slave</li> <li>data volume / of the output variables / with PROFINET CBA / for master or slave</li> <li>data volume / of the output variables / with PROFINET CBA / for master or slave</li> <li>data volume / of the output variables / with PROFINET CBA / for master or slave</li> <li>data volume / of internal and PROFIBUS interconnections / with PROFINET CBA / for master or slave</li> <li>data volume / of internal and PROFIBUS interconnections / with PROFINET CBA / for master or slave</li> <li>data volume / with PROFINET CBA / per connection / maximum</li> <li>performance data / PROFINET CBA / per connection / maximum</li> <li>performance data / PROFINET CBA / remote interconnections / in the case of acyclic transmission / with PROFINET CBA</li> <li>number of remote connections to input variables / in the case of acyclic transmission / with PROFINET CBA</li> </ul>	unication load) / header         50 %         32         30         1 000         4 000 byte         4 000 byte         500         4 000 byte         500         4 000 byte         1 400 byte         / with acyclic transfer / header         500 ms
<ul> <li>supported</li> <li>communication functions / PROFINET CBA (with set target commutes Setpoint for the CPU communication load</li> <li>number of remote connection partners / with PROFINET CBA</li> <li>number of technological functions / with PROFINET CBA / for master or slave</li> <li>number of connections / with PROFINET CBA / for master or slave / total</li> <li>data volume / of the input variables / with PROFINET CBA / for master or slave</li> <li>data volume / of the output variables / with PROFINET CBA / for master or slave</li> <li>data volume / of the output variables / with PROFINET CBA / for master or slave</li> <li>data volume / of the output variables / with PROFINET CBA / for master or slave</li> <li>number of internal and PROFIBUS interconnections / with PROFINET CBA / maximum</li> <li>data volume / of internal and PROFIBUS interconnections / with PROFINET CBA / for master or slave</li> <li>data volume / of internal and PROFIBUS interconnections / with PROFINET CBA / for master or slave</li> <li>data volume / of internal and PROFIBUS interconnections / with PROFINET CBA / for master or slave</li> <li>data volume / with PROFINET CBA / per connection / maximum</li> <li>data volume / with PROFINET CBA / per connection / maximum</li> </ul>	unication load) / header         50 %         32         30         1 000         4 000 byte         4 000 byte         500         4 000 byte         500         4 000 byte         500         4 000 byte         500         4 000 byte         1 400 byte         / with acyclic transfer / header         500 ms         100
<ul> <li>supported</li> <li>communication functions / PROFINET CBA (with set target commute Setpoint for the CPU communication load</li> <li>number of remote connection partners / with PROFINET CBA</li> <li>number of technological functions / with PROFINET CBA / for master or slave</li> <li>number of connections / with PROFINET CBA / for master or slave / total</li> <li>data volume / of the input variables / with PROFINET CBA / for master or slave</li> <li>data volume / of the output variables / with PROFINET CBA / for master or slave</li> <li>data volume / of the output variables / with PROFINET CBA / for master or slave</li> <li>data volume / of the output variables / with PROFINET CBA / for master or slave</li> <li>data volume / of internal and PROFIBUS interconnections / with PROFINET CBA / maximum</li> <li>data volume / of internal and PROFIBUS interconnections / with PROFINET CBA / for master or slave</li> <li>data volume / of internal and PROFIBUS interconnections / with PROFINET CBA / for master or slave</li> <li>data volume / of internal and PROFIBUS interconnections / with PROFINET CBA / for master or slave</li> <li>data volume / with PROFINET CBA / per connection / maximum</li> <li>data volume / of the remote interconnections / in the case of acyclic transmission / with PROFINET CBA / maximum</li> <li>— number of remote connections to input variables / in the case of acyclic transmission / with PROFINET CBA / maximum</li> <li>— number of remote connections to output variables / in the case of acyclic transmission / with PROFINET CBA / maximum</li> <li>— number of remote connections to output variables / in the case of acyclic transmission / with PROFINET CBA / maximum</li> <li>— number of remote connections to output variables / in the case of acyclic transmission / with PROFINET CBA / maximum</li> </ul>	Inication load) / header         50 %         32         30         1 000         4 000 byte         4 000 byte         500         4 000 byte         500         4 000 byte         500         4 000 byte         500         4 000 byte         1 400 byte         / with acyclic transfer / header         500 ms         100         100

with PROFINET CBA / per connection / maximum	
performance data / PROFINET CBA / remote interconnection	/ with cyclic transfer / header
<ul> <li>update time / of the remote interconnections / with cyclical transfer / with PROFINET CBA</li> </ul>	10 ms
<ul> <li>— number of remote connections to input variables / with PROFINET CBA / with cyclic transfer / maximum</li> </ul>	200
<ul> <li>— number of remote connections to output variables / with cyclical transfer / with PROFINET CBA / maximum</li> </ul>	200
<ul> <li>— data volume / as user data for remote interconnections with input variables / with cyclical transfer / with PROFINET CBA / maximum</li> </ul>	2 000 byte
<ul> <li>— data volume / as user data for remote interconnections with output variables / with cyclical transfer / with PROFINET CBA / maximum</li> </ul>	2 000 byte
<ul> <li>— data volume / as user data for remote interconnections / with cyclical transfer / with PROFINET CBA / per connection / maximum</li> </ul>	450 byte
performance data / PROFINET CBA / HMI variables via PROF	INET / acyclic / header
<ul> <li>— number of connectable HMI stations / for HMI variables / in the case of acyclic transmission / with PROFINET CBA</li> </ul>	3; 2x PN OPC/1x iMap
<ul> <li>update time / of the HMI variables / in the case of acyclic transmission / with PROFINET CBA</li> </ul>	500 ms
<ul> <li>number of HMI variables / in the case of acyclic transmission / with PROFINET CBA / maximum</li> </ul>	200
<ul> <li>— data volume / as user data for HMI variables / in the case of acyclic transmission / with PROFINET CBA / maximum</li> </ul>	2 000 byte
performance data / PROFINET CBA / PROFIBUS proxy function	ionality / header
<ul> <li>product function / with PROFINET CBA / PROFIBUS proxy functionality</li> </ul>	Yes
<ul> <li>— number of coupled PROFIBUS devices / with PROFIBUS functionality</li> </ul>	16
<ul> <li>— data volume / with PROFIBUS proxy functionality / with PROFINET CBA / per connection / maximum</li> </ul>	240 byte; Slave-dependent
Number of connections	
• overall	16
usable for PG communication	15
— reserved for PG communication	1
— adjustable for PG communication, min.	1
— adjustable for PG communication, max.	15
<ul> <li>usable for OP communication</li> </ul>	15
<ul> <li>reserved for OP communication</li> </ul>	1
<ul> <li>— adjustable for OP communication, min.</li> </ul>	1
<ul> <li>— adjustable for OP communication, max.</li> </ul>	15
<ul> <li>usable for S7 basic communication</li> </ul>	14
<ul> <li>reserved for S7 basic communication</li> </ul>	0
<ul> <li>— adjustable for S7 basic communication, min.</li> </ul>	0
<ul> <li>— adjustable for S7 basic communication, max.</li> </ul>	14
<ul> <li>usable for S7 communication</li> </ul>	14
- reserved for S7 communication	0
<ul> <li>— adjustable for S7 communication, min.</li> </ul>	
	0
— adjustable for S7 communication, max.	0 14
•	
- adjustable for S7 communication, max.	14
<ul><li>— adjustable for S7 communication, max.</li><li>total number of instances, max.</li></ul>	14 32 X1 as MPI: max. 10; X1 as DP master: max. 24; X1 as DP slave (active): max.
<ul><li>— adjustable for S7 communication, max.</li><li>total number of instances, max.</li><li>usable for routing</li></ul>	14 32 X1 as MPI: max. 10; X1 as DP master: max. 24; X1 as DP slave (active): max.
<ul> <li>— adjustable for S7 communication, max.</li> <li>• total number of instances, max.</li> <li>• usable for routing</li> <li>S7 message functions</li> </ul>	14 32 X1 as MPI: max. 10; X1 as DP master: max. 24; X1 as DP slave (active): max. 14; X2 as PROFINET: 24 max. 16; Depending on the configured connections for PG/OP and S7 basic
<ul> <li>adjustable for S7 communication, max.</li> <li>total number of instances, max.</li> <li>usable for routing</li> </ul> S7 message functions Number of login stations for message functions, max.	14 32 X1 as MPI: max. 10; X1 as DP master: max. 24; X1 as DP slave (active): max. 14; X2 as PROFINET: 24 max. 16; Depending on the configured connections for PG/OP and S7 basic communication
	14 32 X1 as MPI: max. 10; X1 as DP master: max. 24; X1 as DP slave (active): max. 14; X2 as PROFINET: 24 max. 16; Depending on the configured connections for PG/OP and S7 basic communication Yes
<ul> <li>adjustable for S7 communication, max.</li> <li>total number of instances, max.</li> <li>usable for routing</li> </ul> S7 message functions Number of login stations for message functions, max. Process diagnostic messages	14 32 X1 as MPI: max. 10; X1 as DP master: max. 24; X1 as DP slave (active): max. 14; X2 as PROFINET: 24 max. 16; Depending on the configured connections for PG/OP and S7 basic communication Yes 300
<ul> <li>adjustable for S7 communication, max.</li> <li>total number of instances, max.</li> <li>usable for routing</li> </ul> S7 message functions Number of login stations for message functions, max. Process diagnostic messages simultaneously active Alarm-S blocks, max. Test commissioning functions Status block	14 32 X1 as MPI: max. 10; X1 as DP master: max. 24; X1 as DP slave (active): max. 14; X2 as PROFINET: 24 max. 16; Depending on the configured connections for PG/OP and S7 basic communication Yes 300 Yes; Up to 2 simultaneously
<ul> <li>adjustable for S7 communication, max.</li> <li>total number of instances, max.</li> <li>usable for routing</li> <li>S7 message functions</li> <li>Number of login stations for message functions, max.</li> <li>Process diagnostic messages</li> <li>simultaneously active Alarm-S blocks, max.</li> <li>Test commissioning functions</li> </ul>	14 32 X1 as MPI: max. 10; X1 as DP master: max. 24; X1 as DP slave (active): max. 14; X2 as PROFINET: 24 max. 16; Depending on the configured connections for PG/OP and S7 basic communication Yes 300

Status/control variable

Status/control

Yes

<ul> <li>Number of variables, max.</li> <li>- of which status variables, max.</li> <li>- of which status variables, max.</li> <li>- of which control variables, max.</li> <li>Forcing</li> <li>Forcing</li> <li>Yes</li> <li>Forcing, variables</li> <li>Inputs, outputs</li> <li>Number of variables, max.</li> <li>10</li> <li>Diagnostic turifier</li> <li>- present</li> <li>- present</li> <li>- of which potential proof</li> <li>- of child</li> <li>- of potential proof</li> <li>- of p</li></ul>	Variables	Inputs, outputs, memory bits, DB, times, counters
- of which status variables, max. 14 Forcing - forcing - forcing - forcing, variables, max. 10 Diagnostic buffer - forcing, variables, max. 10 Diagnostic buffer		
Forcing     Yes       • Forcing, variables     Inputs, outputs       • Forcing, variables, max.     10       Diagnostic buffer     •       • present     Yes       • Number of variables, max.     500       adjustable     No       of which powerfal-proof     100; Only the last 100 entries are retained       • Number of entries readable in RUN, max.     499       adjustable     Yes; Forn 10 to 499       adjustable     Ves; Ves; Ves; Ves; Ves; Ves; Ves; Ves;		
<ul> <li>Forcing Vers</li> <li>Forcing, variables</li> <li>Number of variables, max.</li> <li>10</li> <li>Diagnostic buffer</li> <li>Present</li> <li>Yes</li> <li>Number of entries, max.</li> <li>GO</li> <li>- adjustable</li> <li>No</li> <li>- adjustable</li> <li>Yes; From 10 to 499</li> <li>- preset</li> <li>10</li> <li>Service data</li> <li>- earling operation</li> <li>o 10</li> <li>Configuration / header</li> <li>Configuration software</li> <li>StEP 7</li> <li>Yes; V5.5 or higher</li> <li>Configuration software</li> <li>System function s(SFC)</li> <li>see instruction list</li> <li>System function (SFC)</li> <li>see instruction list</li> <li>System function blocks (SFB)</li> <li>see instruction list</li> <li>System function protection/password protection</li> <li>Yes</li> <li>- GRAPH</li> <li>Higraphio</li> <li>Block encryption</li> <li>Yes</li> <li>Block encryption</li> <li>Yes</li> <li>Block encryption</li> <li>Yes</li> <li>Block encryption</li> <li>Yes mit S7 block Privacy</li> </ul>		14
<ul> <li>Fording, variables, max.</li> <li>Inputs, outputs</li> <li>Number of variables, max.</li> <li>Diagnostic buffer</li> <li>epresent</li> <li>epresent</li> <li>adjustable</li> <li>adjustable</li> <li>No</li> <li>adjustable</li> <li>Number of entries readable in RUN, max.</li> <li>499</li> <li>adjustable</li> <li>yes, From 10 to 499</li> <li>preset</li> <li>10</li> <li>Service data</li> <li>ves</li> <li>Ambient conditions</li> <li>Ambient conditions</li> <li>configuration / programming / header</li> <li>Configuration / programming / header</li> <li>Command set</li> <li>set instruction list</li> <li>System function blocks (SFB)</li> <li>see instruction list</li> <li>System function blocks (SFB)</li> <li>S</li></ul>		Vec
• Number of variables, max.         10           Diagnosite buffer         •           • present         Yes           • Number of entries, max.         500           adjustable         No           adjustable         No           adjustable         100; Only the last 100 entries are retained           • Number of entries readable in RUN, max.         499           adjustable         Yes; From 10 to 499           - preset         10           Service data         -           - and out         Yes           Ambient conditions         -           Ambient conditions         -           - min.         0 °C           • max.         60 °C           configuration software         -           - forgramming / header         -           - Command set         see instruction list           • Nesting levels         8           • System function blocks (SFD)         see instruction list           • System function blocks (SFD)         see instruction list           • System function blocks (SFD)         see instruction list           • System function software         Yes           - STL         Yes           - STL	-	
Diagnostic buffer         Yes           • Number of entries, max.         500		
• present         Yes           • Number of entries, max.         500           adjustable         No           adjustable         No           adjustable         100; Only the last 100 entries are retained           • Number of entries readable in RUN, max.         499           adjustable         Yes; From 10 to 499           preset         10           Service data         -           • can be read out         Yes           Ambient conditions         0 °C           Ambient conditions         0 °C           - onfiguration / header         -           • onflauration / forder         0 °C           - onfiguration software         -           • Command set         see instruction list           • Nesting levels         8           • System function blocks (SFB)         see instruction list           • System function blocks (SFB)         see instruction list           - FBD         Yes           - SIL         Yes           - SIL         Yes           - SIC         Yes           - SIC         Yes           - Grow of protection/password protection         Yes           - User program protecton/password protection<		10
• Number of entries, max.500- adjustableNo- of which powerfail-poof100; Only the last 100 entries are retained• Number of entries readable in RUN, max.499- adjustableYes; From 10 to 499- preset10Service dataYes- can be read outYes- anditionsVesAmbient temperature during operation0 °C• min.0 °C• max.60 °CConfiguration / headerYes; V5.5 or higherConfiguration / programming / headerSee instruction list• STEP 7Yes; V5.5 or higher• STEP 7Yes; V5.5 or higher• Onomands etsSee instruction list• Nesting levels8• System functions (SFC)see instruction list• SoltYes- LADYes- SCLYes- SCLYes- GRAPHYes- HiGraph®YesKnow-how protectionYes; With S7 block PrivacyDimensionsYes; With S7 block PrivacyDimensionsYes; With S7 block PrivacyDimensionsYes; With S7 block PrivacyDimensionsYes; With S7 block Privacy <t< td=""><td></td><td>Mar.</td></t<>		Mar.
- adjustableNo- of which powerfail-proof100, Only the last 100 entries are retained• Number of entries readable in RUN, max.499- adjustableYes; From 10 to 499- preset10Service data can be read outYesAmbient conditions-Ambient conditions60 °Cconfiguration / header60 °Cconfiguration / header60 °Cconfiguration / header-Configuration / header50 °Cconfiguration / programming / header-• STEP 7Yes; V5.5 or higherconfiguration / setting levels8• System function blocks (SFB)see instruction list• Nesting levels8• System function blocks (SFB)see instruction list• STL- LADYes- STLYes- SCLYes- SCLYes- SCLYes- GRAPHYes- HiGraph®Yes- StickYes- Higraph®Yes- Higraph®Yes- Higraph®Yes- Higraph%Yes- Higraph%		
of which powerfail-proof100; Only the last 100 entries are retained• Number of entries readable in RUN, max.499 adjustableYes; From 10 to 499 preset10Service dataYes• can be read outYesAmbient conditions0 °C* min.0 °C• nax.60 °CConfiguration / header60 °CConfiguration / headerSee instruction list• STEP 7Yes; V5.5 or higherconfiguration / programming / header8• System functions (SFC)see instruction list• Neader (SFE)see instruction list• System functions (SFC)see instruction list• System function blocks (SFB)see instruction list• STLYes- LADYes- SCLYes- SCLYes- GRAPHYes- HGraph®Yes- HGraph®Yes- Block encryptionYes- Block		
• Number of entries readable in RUN, max.         499	-	
preset10Service data• can be read outYesAnbient conditionsAmbient conditions• min.0 °C• max.60 °C• max.60 °Cconfiguration / header• Configuration / programming / header• STEP 7Yes; V5.5 or higherconfiguration / programming / header• Step 7See instruction list• Nesting levels8• System functions (SFC)see instruction list• System function blocks (SFB)see instruction listProgramming languageYes- LADYes- SCLYes- SCLYes- GRAPHYes- GRAPHYes- HiGraph®Yes- HiGraph®Yes- Block encryptionYesWidth40 mmHeight125 mmDepth130 mm		
Service data         • can be read out       Yes         Ambient temperature during operation       0 °C         • min.       0 °C         • max.       60 °C         configuration / header       60 °C         configuration / header       50 °C         configuration / header       60 °C         configuration / header       50 °C         configuration / programming / header       60 °C         • STEP 7       Yes; V5.5 or higher         configuration / programming / header       50 °C         • Command set       see instruction list         • Nesting levels       8         • System function blocks (SFB)       see instruction list         • System function blocks (SFB)       see instruction list         • System function blocks (SFB)       see instruction list         • Programming language       -         - LAD       Yes         - FBD       Yes         - SCL       Yes         - CFC       Yes         - GRAPH       Yes         - HiGraph@       Yes         Know-how protection       Yes         • Block encryption       Yes (With S7 block Privacy         Dimensions       40 mm	-	
• can be read out       Yes         Ambient conditions       0 °C         Ambient temperature during operation       0 °C         • min.       0 °C         • max.       60 °C         configuration / heador       -         Configuration software       -         • STEP 7       Yes; V5.5 or higher         configuration / programming / header       -         • Command set       see instruction list         • Nesting levels       8         • System function blocks (SFB)       see instruction list         Programming language       -         - LAD       Yes         - SCL       Yes         - SCL       Yes         - CFC       Yes         - HiGraph®       Yes         - HiGraph®       Yes         Width       40 mm         + bilock encryption       Yes; With S7 block Privacy         Dimensions       Yes min         Width       40 mm		10
Ambient conditions         Ambient temperature during operation         • min.       0 °C         • max.       60 °C         configuration / header       Configuration software         • STEP 7       Yes; V5.5 or higher         configuration / programming / header       see instruction list         • Command set       see instruction list         • Nesting levels       8         • System functions (SFC)       see instruction list         • System function blocks (SFB)       see instruction list         • System function blocks (SFB)       see instruction list         • System functions (SFC)       see instruction list         • System function blocks (SFB)       see instruction list         • System function blocks (SFB)       see instruction list         • FBD       Yes         - FBD       Yes         - SCL       Yes         - SCL       Yes         - GRAPH       Yes         - HiGraph®       Yes         - HiGraph®       Yes         Width       40 mm         + Height       125 mn         Depth       130 mm		
Ambient temperature during operation       0 °C         • max.       60 °C         configuration / header          Configuration software          • STEP 7       Yes; V5.5 or higher         configuration / programming / header       see instruction list         • Command set       see instruction list         • Nesting levels       8         • System functions (SFC)       see instruction list         • System function blocks (SFB)       see instruction list         Programming language		Yes
• min.0 °C• max.60 °Cconfiguration / headerConfiguration softwareYes; V5.5 or higher• STEP 7Yes; V5.5 or higher• Command setsee instruction list• Nesting levels8• System functions (SFC)see instruction list• System function blocks (SFB)see instruction list• System function blocks (SFB)see instruction list• Programming language////>- LADYes- STLYes- SCLYes- SCLYes- GRAPHYes- HiGraph%Yes/ HiGraph%Yes///>With S7 block Privacy////>//>Dimensions40 mm//>Height125 mm//>Depth130 mm	Ambient conditions	
• max.60 °Cconfiguration / headerConfiguration softwareYes; V5.5 or higher• STEP 7Yes; V5.5 or higherconfiguration / programming / headersee instruction list• Command setsee instruction list• Nesting levels8• System functions (SFC)see instruction list• System function blocks (SFB)see instruction list• Programming languageYes- LADYes- STLYes- STLYes- SCLYes- CFCYes- GRAPHYes- HiGraph@Yes- HiGraph@Yesblock encryptionYes; With S7 block PrivacyVinth40 mmHeight125 mmDepth130 mm	Ambient temperature during operation	
configuration / header         • STEP 7       Yes; V5.5 or higher         configuration / programming / header       see instruction list         • Command set       see instruction list         • Nesting levels       8         • System functions (SFC)       see instruction list         • System function blocks (SFB)       see instruction list         Programming language	● min.	0° 0
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         Programming language	• max.	0° C
• STEP 7       Yes; V5.5 or higher         configuration / programming / header       see instruction list         • Command set       see instruction list         • Nesting levels       8         • System functions (SFC)       see instruction list         • System function blocks (SFB)       see instruction list         • TAD       Yes         - LAD       Yes         - SCL       Yes         - SCL       Yes         - CFC       Yes         - GRAPH       Yes         - HiGraph®       Yes         • User program protection/password protection       Yes; With S7 block Privacy         Dimensions       Yes with S7 block Privacy         Width       40 mm         Height       125 mm         Depth       130 mm	configuration / header	
configuration / programming / header         • Command set       see instruction list         • Nesting levels       8         • System functions (SFC)       see instruction list         • System function blocks (SFB)       see instruction list         Programming language       -         - LAD       Yes         - FBD       Yes         - STL       Yes         - SCL       Yes         - CFC       Yes         - GRAPH       Yes         - HiGraph®       Yes         More totion       Yes         Width       40 mm         Height       125 mm         Depth       130 mm	Configuration software	
Command setsee instruction listNesting levels8System functions (SFC)see instruction listSystem function blocks (SFB)see instruction listProgramming languageYes- LADYes- FBDYes- STLYes- SCLYes- CFCYes- GRAPHYes- HiGraph®YesVesYes- WidthYesYesYes- Stupper program protection/password protectionYesYesYes- Block encryptionYesYesYes- Block encryptionYesYidth40 mmHeight125 mmDepth130 mm	• STEP 7	Yes; V5.5 or higher
• Nesting levels8• System functions (SFC)see instruction list• System function blocks (SFB)see instruction list• Programming languageYes- LADYes- FBDYes- STLYes- SCLYes- CFCYes- GRAPHYes- HiGraph®Yes• User program protection/password protectionYes• Block encryptionYes; With S7 block PrivacyVidth40 mmHeight125 mmDepth130 mm	configuration / programming / header	
• System functions (SFC)see instruction list• System function blocks (SFB)see instruction listProgramming language	Command set	see instruction list
• System function blocks (SFB)see instruction listProgramming languageYes- LADYes- FBDYes- STLYes- SCLYes- CFCYes- GRAPHYes- HiGraph®YesVesYesWidthYes, With S7 block PrivacyPimensionsYes, With S7 block PrivacyWidth125 mmHeight130 mm	Nesting levels	8
Programming language- LADYes- FBDYes- FBDYes- STLYes- SCLYes- CFCYes- GRAPHYes- HiGraph®Yesblock encryptionYes• Block encryptionYes; With S7 block PrivacyDimensionsYes; With S7 block PrivacyWidth40 mmHeight125 mmDepth130 mm	<ul> <li>System functions (SFC)</li> </ul>	see instruction list
- LADYes- FBDYes- STLYes- SCLYes- CFCYes- GRAPHYes- HiGraph®Yesbeck encryptionYes- Block encryptionYes; With S7 block PrivacyVidth40 mmHeight125 mmDepth130 mm	<ul> <li>System function blocks (SFB)</li> </ul>	see instruction list
FBDYesSTLYesSCLYesCFCYesGRAPHYesHiGraph®Yesber program protection/password protectionYes• User program protection/password protectionYes; With S7 block PrivacyDimensionsYes; With S7 block PrivacyWidth40 mmHeight125 mmDepth130 mm	Programming language	
- STLYes- SCLYes- CFCYes- GRAPHYes- HiGraph®Yesbest program protection/password protectionYes• User program protection/password protectionYes; With S7 block PrivacyDimensionsYes; With S7 block PrivacyWidth40 mmHeight125 mmDepth130 mm	— LAD	Yes
- SCLYes- CFCYes- GRAPHYes- HiGraph®YesKnow-how protectionYes• User program protection/password protectionYes; With S7 block Privacy• Block encryptionYes; With S7 block PrivacyDimensions40 mmHeight125 mmDepth130 mm	— FBD	Yes
- CFCYes- GRAPHYes- HiGraph®YesKnow-how protectionYes• User program protection/password protectionYes• Block encryptionYes; With S7 block PrivacyDimensionsWidth40 mmHeight125 mmDepth130 mm	— STL	Yes
GRAPHYes HiGraph®YesKnow-how protectionYes• User program protection/password protectionYes, With S7 block Privacy• Block encryptionYes; With S7 block PrivacyDimensions40 mmHeight125 mmDepth130 mm	— SCL	Yes
GRAPHYes HiGraph®YesKnow-how protectionYes• User program protection/password protectionYes, With S7 block Privacy• Block encryptionYes; With S7 block PrivacyDimensions40 mmHeight125 mmDepth130 mm	— CFC	Yes
HiGraph®     Yes       Know-how protection     Yes       • User program protection/password protection     Yes; With S7 block Privacy       • Block encryption     Yes; With S7 block Privacy       Dimensions     40 mm       Height     125 mm       Depth     130 mm	— GRAPH	
Know-how protection       Yes         • User program protection/password protection       Yes; With S7 block Privacy         • Block encryption       Yes; With S7 block Privacy         Dimensions       40 mm         Height       125 mm         Depth       130 mm	— HiGraph®	
• User program protection/password protection     Yes       • Block encryption     Yes; With S7 block Privacy       Dimensions     40 mm       Height     125 mm       Depth     130 mm		
• Block encryption     Yes; With S7 block Privacy       Dimensions       Width     40 mm       Height     125 mm       Depth     130 mm	· · · · · · · · · · · · · · · · · · ·	Yes
Dimensions       Width     40 mm       Height     125 mm       Depth     130 mm		
Width         40 mm           Height         125 mm           Depth         130 mm		
Height     125 mm       Depth     130 mm		40 mm
Depth 130 mm		
Weight, approx. 340 g		340 a
wogn, approx. Uto g	Troight, approx.	010 g

last modified:

4/1/2022 🖸