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
Engineering with	
 Programming package 	STEP 7 V5.5 or higher
Supply voltage	
Rated value (DC)	
• 24 V DC	Yes
permissible range, lower limit (DC)	20.4 V
permissible range, upper limit (DC)	28.8 V
external protection for power supply lines	2 A min.
(recommendation)	
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
l ² t	1 A ² ·s
Power loss Power loss, typ.	4.65 W
r ower loss, typ.	4.05 W
Memory	
Work memory	
 integrated 	384 kbyte
• expandable	No
 Size of retentive memory for retentive data blocks 	128 kbyte
Load memory	
• Plug-in (MMC)	Yes
 Plug-in (MMC), max. 	8 Mbyte
 Data management on MMC (after last programming), min. 	10 у
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.
DB	
• Number, max.	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
 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 OBs1; OB 40• Number of isochonous mode OBs1; OB 61• Number of isochonous error OBs1; OB 100• Number of asynchronous error OBs6; OB 80, 82, 83, 86, 86, 87 (OB83 only for PROFINET IO)• Number of synchronous error OBs2; OB 121, 122Nesting depti• per priority class18• additional within an error OB4Counters, timers and their retentivityS7 counter• Number of limit0• Number of limit0• our primit255- preset2 0 to 2 7Counting range- adjustableYes- adjustableYes- nover limit0- upper limit255- preset2 0 to 2 7Counting rangeYes- lower limit0- upper limit999VesSFBNumber256• presentYes- presetS56• Number255- presetS7• Number256- presentYes- lower limit0- upper limit999• Number255- presetNo retentivity- adjustableYes- number255- presetNo retentivity- number255- presetNo retentivity- nupper limit255- presetNo retentivity- presetNo retentivity- present999 s <th></th> <th></th>		
• 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 Nesting depth 10 • per priority class 10 • additional within an error OB 4 Counters, timers and their retentivity 57 S7 counter 256 Retentivity 255 - nower limit 0 - upper limit 255 - preset 2 0 to 2 7 Counting range Yes - adjustable Yes - lower limit 0 - upper limit 999 IEC counter Yes • present Yes • Number 255 - lower limit 0 - upper limit 999 IEC counter Ves • Number Z55 Retentivity Inlimited (limited only by RAM capacity) S7 times Zes • Number Unlimited (limited only by RAM capacity) S7 times Zes • Number 255 • nower limit 0 - upper limit 255	 Number of process alarm OBs 	1; OB 40
• Number of startup OBs 1: OB 100 • Number of asynchronous error OBs 6: OB 80, 62, 83, 85, 86, 87 (OB83 only for PROFINET IO) • Number of synchronous error OBs 2: OB 121, 122 Nesting depth	 Number of DPV1 alarm OBs 	3; OB 55, 56, 57
• Number of asynchronous error OBs 6: OB 80, 82, 83, 85, 86, 87 (OB83 only for PROFINET IC) • Number of synchronous error OBs 2: OB 121, 122 Nesting depth 16 • additional within an error OB 4 Counters: nearch and their retentivity 57 counter • Number 256 Retentivity 7 es - adjustable Yes - lower limit 0 - upper limit 255 - preset 2 to to Z 7 Counting range Yes - olower limit 0 - upper limit 255 - preset Z to to Z 7 Counting range Yes - lower limit 0 - upper limit 999 IEC counter Yes - present SFB • Number Unlimited (limited only by RAM capacity) S7 times 250 - adjustable Yes - lower limit 0 - upper limit 250 - upper limit 251 - lower limit 0 - upper limit 255	 Number of isochronous mode OBs 	1; OB 61
• Number of synchronous error OBs 2; OB 121, 122 Nesting depth • • per priority class 16 • additional within an error OB 4 Counters, timers and their retentivity 57 \$7 counter 256 Retentivity – - adjustable Yes - lower limit 0 - upper limit 255 - preset 2 to z 7 Counting range – - adjustable Yes - lower limit 0 - upper limit 0 - upper limit 0 - upper limit 0 - upper limit 0 - present Yes - Type SFB Number Unlimited (imited only by RAM capacity) S7 times • Number 256 Retentivity	 Number of startup OBs 	1; OB 100
Nesting depth • per priority class 16 • additional within an error OB 4 Counters, timers and their retentivity 57 counter S7 counter 256 Retentivity - - adjustable Yes - lower limit 0 - upper limit 255 - preset 2 to Z 7 Counterg arge - - adjustable Yes - lower limit 0 - upper limit 255 - preset 2 to Z 7 Counting range - - lower limit 0 - upper limit 999 IEC counter - • present Yes • Type SFB • Number 256 Retentivity - - adjustable Yes - lower limit 0 - upper limit 256 Retentivity - - lower limit 0 - upper limit 255 - preset No retentivity Time ange	 Number of asynchronous error OBs 	6; OB 80, 82, 83, 85, 86, 87 (OB83 only for PROFINET IO)
• per priority class 16 • additional within an error OB 4 Counters, timers and their retentivity 57 S7 counter 256 Retentivity 798 - lower limit 0 - upper limit 255 - preset 20 to Z 7 Counting range - - adjustable Yes - lower limit 0 - upper limit 999 IEC counter Yes - lower limit 0 - upper limit 999 IEC counter Yes • present Yes • 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 999 s IEC timer Yes - present Yes <td> Number of synchronous error OBs </td> <td>2; OB 121, 122</td>	 Number of synchronous error OBs 	2; OB 121, 122
• additional within an error OB 4 Counters, times and their retentivity 256 S Counter 256 Retentivity - adjustable - adjustable Yes - lower limit 0 - upper limit 255 - preset 20 to Z 7 Counter - adjustable - adjustable Yes - lower limit 0 - upper limit 99 IEC counter Yes - lower limit 0 - upper limit 99 IEC counter Yes • present Yes • Number Unlimited (limited only by RAM capacity) S7 times 256 Retentivity - - adjustable Yes - lower limit 0 - upper limit 255 - preset No retentivity Time range - - lower limit 10 ms - upper limit 99 so s IEC timer Yes • present Yes • lower limit	Nesting depth	
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S7 counter 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 Person IEC counter Yes - • present Yes - • Type 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 9 99 o IEC timer - • present Yes - preset No retentivity Time range - - lower limit 9 99 o IEC timer Yes • present	 additional within an error OB 	4
• 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 Yes • present Yes • Type SFB • Number Ublimited (limited only by RAM capacity) S7 times 256 Retentivity - - adjustable Yes - lower limit 0 - upper limit 255 - preset No retentivity - adjustable Yes - lower limit 0 - upper limit 255 - preset 10 ms - upper limit 9 990 s IEC timer Yes - lower limit 9 990 s IEC timer Yes • type SFB • Number Unlimited (limited only by RAM capacity) <t< td=""><td></td><td></td></t<>		
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	— adjustable	
	— lower limit	0
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- adjustableYes- lower limit0- upper limit255- presetNo retentivityTime range10 ms- lower limit9 990 sIEC timer• presentYes• presentSFB• NumberUnlimited (limited only by RAM capacity)	Number	256
- lower limit 0 - upper limit 255 - preset No retentivity Time range 10 ms - lower limit 9 990 s IEC timer 9 990 s IEC timer SFB • present SFB • Type SFB • Number Unlimited (limited only by RAM capacity)	Retentivity	
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- lower limit10 ms- upper limit9 990 sIEC timerYes• presentYes• TypeSFB• NumberUnlimited (limited only by RAM capacity)Data areas and their retentivity	— preset	No retentivity
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IEC timer • present Yes • Type SFB • Number Unlimited (limited only by RAM capacity)	— lower limit	10 ms
• present Yes • Type SFB • Number Unlimited (limited only by RAM capacity)	— upper limit	9 990 s
Type SFB Unlimited (limited only by RAM capacity) Data areas and their retentivity	IEC timer	
Number Unlimited (limited only by RAM capacity) Data areas and their retentivity	• present	Yes
Data areas and their retentivity	• Туре	SFB
	• Number	Unlimited (limited only by RAM capacity)
retentive data area in total All, 128 KB max.		
	retentive data area in total	All, 128 KB max.

Flag	
• Number, 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	
Retentivity adjustable	Yes; via non-retain property on DB
Retentivity preset	Yes
Local data	
• per priority class, max.	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	1
• integrated	1

• via CP	4
Number of operable FMs and CPs (recommended)	
• FM	8
• CP, PtP	8
• CP, LAN	10
Rack	
 Racks, max. 	4
 Modules per rack, max. 	8
Time of day	
Clock	
 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 	Clock continues to run with the time at which the power failure
period	occurred
Operating hours counter	
• Number	1
 Number/Number range 	0
 Range of values 	0 to 2^31 hours (when using SFC 101)
● Granularity	1 h
● retentive	Yes; Must be restarted at each restart
Clock synchronization	
 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
 on Ethernet via NTP 	Yes; As client
Digital inputs	
Number of digital inputs	0
Disitel outputs	
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	
Interface type	Integrated RS 485 interface
Physics	RS 485
Isolated	Yes
Power supply to interface (15 to 30 V DC), max.	200 mA
Protocols	
• MPI	Yes
 PROFIBUS DP master 	Yes
PROFIBUS DP slave	Yes
 Point-to-point connection 	No
MPI	
 Transmission rate, max. 	12 Mbit/s
Services	
— PG/OP communication	Yes
— Routing	Yes
— Global data communication	Yes
— S7 basic communication	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
— Isochronous mode	Yes; OB 61; isochronous mode can only be used alternatively on PROFIBUS DP or PROFINET IO
— SYNC/FREEZE	Yes
— Activation/deactivation of DP slaves	Yes

— Number of DP slaves that can be	8
simultaneously activated/deactivated, max.	
 — Direct data exchange (slave-to-slave communication) 	Yes; As subscriber
— DPV1	Yes
Address area	
— Inputs, max.	2 kbyte
— Outputs, max.	2 kbyte
User data per DP slave	
— Inputs, max.	244 byte
— Outputs, max.	244 byte
PROFIBUS DP slave	
• 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	
— 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	Yes
communication)	
— DPV1	No
Transfer memory	
— Inputs	244 byte
— Outputs	244 byte
2. Interface Interface type	PROFINET
Physics	Ethernet RJ45
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	
Number of ports	2
• integrated switch	Yes
Media redundancy	

• supported	Yes
 Switchover time on line break, typ. 	200 ms; PROFINET MRP
 Number of stations in the ring, max. 	50
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	Yes
PROFINET IO Controller	
• Transmission rate, max.	100 Mbit/s
Services	
— 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
— Open IE communication	Yes; Via TCP/IP, ISO on TCP, and UDP
— 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,	128
max.	
— 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 $\mu s,$ 500 $\mu s,$ 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)
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
— Open IE communication	Yes; Via TCP/IP, ISO on TCP, and UDP
— IRT	Yes
— PROFlenergy	Yes; With SFB 73 / 74 prepared for loadable PROFlenergy standard FB for I-Device
— Shared device	Yes
— Number of IO Controllers with shared	2
device, max.	
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
 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
Protocols	
Open IE communication	
• 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

	20.700 h.t.
— 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
	8
— Number of connections, max.	32 768 byte
— Data length, max.	
• UDP	Yes; via integrated PROFINET interface and loadable FBs
— Number of connections, max.	8
— Data length, max.	1 472 byte
Web server	
• supported	Yes
 User-defined websites 	Yes
 Number of HTTP clients 	5
Isochronous mode	
Isochronous operation (application synchronized up	Yes; Via PROFIBUS DP or PROFINET interface
to terminal)	
Communication functions	
PG/OP communication	Yes
Data record routing	Yes
Global data communication	
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
S7 basic communication	- 3
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
PROFINET CBA (at set setpoint communication load)	

 Setpoint for the CPU communication load 	50 %
 Number of remote interconnection partners 	32
 Number of functions, master/slave 	30
 Total of all master/slave connections 	1 000
 Data length of all incoming connections master/slave, max. 	4 000 byte
 Data length of all outgoing connections master/slave, 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
Remote interconnections with acyclic transmission	
— Sampling frequency: Sampling time, 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
Remote interconnections with cyclic transmission	
— Transmission frequency: Transmission	10 ms
interval, min.	
- 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
HMI variables via PROFINET (acyclic)	
 — 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
PROFIBUS proxy functionality	
— supported	Yes
— Number of linked PROFIBUS devices	16
— Data length per connection, max.	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
 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, 	0
min.	
 adjustable for S7 basic communication, 	14
max.	
 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.
C7 magazza functiona	
S7 message functions 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
Test commissioning functions	
Status block	Yes; Up to 2 simultaneously
Single step	Yes
Number of breakpoints	4
Status/control	

 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
Forcing	
Forcing	Yes
 Forcing, variables 	Inputs, outputs
Number of variables, max.	10
Diagnostic buffer	

Weight, approx.	340 g
Weights	240 a
-	
Depth	130 mm
Height	125 mm
Dimensions Width	40 mm
Block encryption	Yes; With S7 block Privacy
 User program protection/password protection 	Yes
Know-how protection	
— HiGraph®	Yes
— GRAPH	Yes
— CFC	Yes
— SCL	Yes
— STL	Yes
— FBD	Yes
— LAD	Yes
Programming language	
System function blocks (SFB)	see instruction list
• System functions (SFC)	see instruction list
Nesting levels	8
Command set	see instruction list
Programming	
• STEP 7	Yes; V5.5 or higher
Configuration software	
Configuration	
• max.	60 °C
• min.	0° 0
Ambient temperature during operation	
Ambient conditions	
• can be read out	Yes
Service data	
— preset	10
— adjustable	Yes; From 10 to 499
 Number of entries readable in RUN, max. 	499
— of which powerfail-proof	100; Only the last 100 entries are retained
— adjustable	No
 Number of entries, max. 	500
● present	Yes