# SIEMENS

### Data sheet

#### Product type designation

## 6GK7343-1CX10-0XE0



#### CP 343-1 Lean

Communications processor CP 343-1 Lean for connection of SIMATIC S7-300 to Industrial Ethernet via TCP/IP and UDP, Multicast, SEND/RECEIVE with and without RFC1006, Fetch/ Write, S7 communication (server), PROFINET IO device integrated 2-port switch ERTEC 200, Module replacement without PG, SNMP diagnostics, initialization via LAN, 2x RJ45 connection for LAN with 10/100 Mbit/s

Transfer rate		
Transfer rate		
• at the 1st interface	10 100 Mbit/s	
Interfaces		
Number of interfaces / acc. to Industrial Ethernet	2	
Number of electrical connections		
• at the 1st interface / acc. to Industrial Ethernet	2	
<ul> <li>for power supply</li> </ul>	1	
Type of electrical connection		
<ul> <li>of Industrial Ethernet interface</li> </ul>	RJ45 port	
• at the 1st interface / acc. to Industrial Ethernet	RJ45 port	
Type of electrical connection		
<ul> <li>for power supply</li> </ul>	2-pole plugable terminal block	
Supply voltage, current consumption, power loss		
Type of voltage / of the supply voltage	DC	
Supply voltage / 1 / from backplane bus	5 V	
Supply voltage	24 V	

Supply voltage / external / at DC / Rated value         24 V           Relative regative tolerance / at DC / at 24 V         20 %           Relative negative tolerance / at DC / at 24 V         20 %           Consumed current         0.2 A           • from backplane bus / at DC / at 24 V/         0.16 A           • from external supply voltage / at DC / at 24 V/         0.16 A           • from external supply voltage / at DC / at 24 V/         0.2 A           • from external supply voltage / at DC / at 24 V/         0.2 A           Power loss [W]         5.8 W           Ambient temperature         0.2 A           • for horizontally arranged busbars / during operation         0 40 °C           • during transport         -40 +70 °C           • during transport         -20 +70 °C           • during transport         -20 +70 °C           • during transport         -20 +70 °C           Module format         Compact module S7.300		
Relative positive tolerance / at DC / at 24 V     20 %       Relative negative tolerance / at DC / at 24 V     15 %       Consumed current     .       • from backplane bus / at DC / at 5 V / typical     0.2 A       • from external supply voltage / at DC / at 24 V /     0.16 A       typical     .       • from external supply voltage / at DC / at 24 V /     0.2 A       Power loss [W]     5.8 W       Ambient conditions    40 °C       Armbient temperature     040 °C       • for vertical installation / during operation     040 °C       • during storage     -40 +70 °C       • during storage     -40 +70 °C       • during storage     -40 +70 °C       • Relative humidity     95 %       • at 25 °C / without condensation / during operation     IP20       Design_dimensions and weights     Compact module S7-300 single width       Width     40 mm       Height     128 mm       Depth     120 mm       Net weight     0.22 kg       Mounting type     -       •S7-300 rail mounting     Yes       Performance data per ISO on TCP connection / for open communication / by means of SEND/RECEIVE blocks / maximum       • as user data per ISO on TCP connection / for open communication / by means of SEND/RECEIVE blocks / maximum       • as user data per IS	Supply voltage / external	24 V
Relative negative tolerance / at DC / at 24 V     15 %       Consumed current     0.2 A          • from backplane bus / at DC / at 24 V / typical     0.16 A          • from external supply voltage / at DC / at 24 V / maximum       0.18 A          • Power loss [W]       5.8 W    Ambient conditions           Antibient emperature           • for vertical installation / during operation           • for victical installation / during operation               … 40 °C             • for horizontally arranged busbars / during operation              … 40 °C                … 60 °C          • during storage               … 40 … 70 °C                … 60 °C          • during transport               … 40 … 70 °C                … 60 °C          • during transport              … 40 … 70 °C                … 60 °C                 • etatistive humidity               • 95 %               © 5 %               … 70 °C                 • etatistive humidity               • 25 °C / without condensation / during             operation / maximum               • 20 °C              © 5 %		
Consumed current. <ul> <li>from backplane bus / at DC / at 5 V / typical</li> <li>from external supply voltage / at DC / at 24 V /</li> <li>from external supply voltage / at DC / at 24 V /</li> <li>from external supply voltage / at DC / at 24 V /</li> <li>0.2 A</li> </ul> Power loss [W]       5.8 W    Ambient conditions          Andient temperature <ul> <li>for vortical installation / during operation</li> <li>for vortical installation / during operation</li> <li>during storage</li> <li>40 40 °C</li> <li>for vortical installation / during operation</li> <li>during storage</li> <li>40 470 °C</li> <li>during transport</li> <li>at 25 °C / without condensation / during operation / maximum         </li>         Protection class IP       IP20         Design, dimensions and weights       IP20         Module format       Compact module S7-300 single width         Width       40 mm         Height       125 mm         Depth       0.22 kg         Mounting type           \$7-300 rail mounting       Yes         Performance data / open communication / for open communication / by means of SEND/RECEIVE         blocks / maximum       8         Amount of data       8         • as user data per ISO on TCP connecti</ul>		
• from backplane bus / at DC / at 5 V / typical0.2 A• from external supply voltage / at DC / at 24 V / typical0.16 A• from external supply voltage / at DC / at 24 V / maximum0.2 APower loss [W]5.8 WAmbient conditions0 40 °CAmbient temperature0 60 °C• for vortical installation / during operation0 40 °C• for horizontally arranged busbars / during operation0 60 °C• during storage-40 +70 °C• during storage-40 +70 °C• during transport-40 +70 °C• at 25 °C / without condensation / during operation / maximum0 60 °C• at 25 °C / without condensation / during operation / maximum0 60 °CPortection class IPIP20Design. dimensions and weights0 60 °CModulf formatCompact module S7-300 single widthWidth40 mmHeight0.22 kgMounting type o S7-300 rail mountingYes• S7-300 rail mountingS· S7-300 ra		15 %
• from external supply voltage / at DC / at 24 V / typical       0.16 A         • from external supply voltage / at DC / at 24 V / maximum       0.2 A         Power loss [W]       5.8 W         Ambient conditions	Consumed current	
typical       imaximum       0.2 A         Power loss [W]       5.8 W         Ambient conditions       5.8 W         Ambient temperature       040 °C         of reverical installation / during operation       040 °C         ouring transport       -40+70 °C         Relative humidity       • at 25 °C / without condensation / during operation / maximum         operation / maximum       95 %         operation / maximum       95 %         Potection class IP       IP20         Design, dimensions and weights       20 mm         Module format       Compact module S7-300 single width         Width       40 mm         Height       125 mm         Depth       0.22 kg         Mounting type       • S7-300 rail mounting         ves       S7-300 rail mounting         Yes       Performance data / open communication         Annount of data       8 Kibyte         • as user data per ISO on TCP connection / for open c	<ul> <li>from backplane bus / at DC / at 5 V / typical</li> </ul>	0.2 A
maximum     Power loss [W]     5.8 W       Ambient temperature <ul> <li>for vertical installation / during operation</li> <li>for horizontally arranged busbars / during operation</li> <li>for horizontally arranged busbars / during operation</li> <li>during storage</li> <li>during transport</li> <li>during transport</li> <li>during transport</li> <li>at 25 °C / without condensation / during operation / during operation / during operation / maximum</li> <li>potention / and wights</li> </ul> <ul> <li>at 25 °C / without condensation / during operation / during operation / maximum</li> <li>potention class IP</li> <li>IP20</li> </ul> <ul> <li>Design, dimensions and weights</li> <li>Module format</li> <li>Compact module S7-300 single width</li> <li>Width</li> <li>40 mm</li> <li>Height</li> <li>125 mm</li> <li>Depth</li> <li>22 kg</li> <li>Mounting type</li> <li>s7.300 rail mounting</li> <li>Yes</li> </ul> Performance data / open communication           Number of possible connections / for open communication / for open communication / by means of SEND/RECEIVE blocks / maximum <li>as user data per ISO on TCP connection / for open communication / for open communication / by means of SEND/RECEIVE</li> Proference of data         es user data per ISO on TCP connection / for open communication / by means of SEND/RECEIVE <li>SEND/RECEIVE blocks / maximum</li> <li>as user data per ISO on TCP connection / for open communication / by means of SEND/RECEIVE</li> <li>SEND/RECEIVE</li>		0.16 A
Ambient conditions         Ambient temperature         • for vertical installation / during operation       040 °C         • for horizontally arranged busbars / during operation       060 °C         • during storage       -40 +70 °C         • during transport       -40 +70 °C         Relative humidity       -40 +70 °C         • at 25 °C / without condensation / during operation / maximum       95 %         Protection class IP       IP20         Design, dimensions and weights       Module format         Woldth       40 mm         Height       125 mm         Depth       120 mm         Net weight       0.22 kg         Mounting type       • \$7-300 rail mounting         • ST-300 rail mounting       Yes         Performance data / open communication       8         Annount of data       • as user data per ISO on TCP connection / for open communication / by means of SEND/RECEIVE blocks / maximum       8         • as user data per ISO on TCP connection / for open communication / by means of SEND/RECEIVE       8         SEND/RECEIVE blocks / maximum       • as user data per ISO on TCP connection / for open communication / by means of SEND/RECEIVE       8		0.2 A
Ambient temperature <ul> <li>for vertical installation / during operation</li> <li>for horizontally arranged busbars / during operation</li> <li>during storage</li> <li>during storage</li> <li>during transport</li> <li>during transport</li> <li>during transport</li> <li>at 25 °C / without condensation / during operation / maximum</li> </ul> <li>Protection class IP</li> <li>IP20</li> <li>Design, dimensions and weights</li> <li>Module format</li> <li>Compact module S7-300 single width</li> <li>40 mm</li> <li>Height</li> <li>Depth</li> <li>Number of possible connections / for open communication / by means of SEND/RECEIVE blocks / maximum</li> <li>Arount of data</li> <li>as user data per ISO on TCP connection / for open communication / by means of SEND/RECEIVE blocks / maximum</li> <li>as user data per ICP connection / for open communication / by means of SEND/RECEIVE</li> <li>BKibyte</li>	Power loss [W]	5.8 W
• for vertical installation / during operation0 40 °C• for horizontally arranged busbars / during operation0 60 °C• during storage-40 +70 °C• during transport-40 +70 °C• during transport-40 +70 °C• at 25 °C / without condensation / during operation / maximum95 %• Protection class IPIP20Design, dimensions and weightsCompact module S7-300 single widthWidth40 mmHeight125 mmDepth120 mmNumber of possible connections / for open communication / by means of SEND/RECEIVE blocks / maximum8Amount of data• as user data per ISO on TCP connection / for open communication / by means of SEND/RECEIVE blocks / maximum8• as user data per ISO on TCP connection / for open communication / by means of SEND/RECEIVE blocks / maximum8• as user data per ICP connection / for open communication / by means of SEND/RECEIVE blocks / maximum8• as user data per ICP connection / for open communication / by means of SEND/RECEIVE blocks / maximum8• as user data per ICP connection / for open communication / by means of SEND/RECEIVE8	Ambient conditions	
<ul> <li>for horizontally arranged busbars / during operation</li> <li>during storage</li> <li>during storage</li> <li>during transport</li> <li>40 +70 °C</li> <li>during transport</li> <li>40 +70 °C</li> <li>Relative humidity</li> <li>at 25 °C / without condensation / during operation / maximum</li> <li>Protection class IP</li> <li>IP20</li> <li>Design, dimensions and weights</li> <li>Module format</li> <li>Compact module S7-300 single width</li> <li>Width</li> <li>40 mm</li> <li>Height</li> <li>125 mm</li> <li>Depth</li> <li>Net weight</li> <li>ves</li> <li>S7-300 rail mounting</li> <li>Yes</li> <li>Performance data / open communication</li> <li>Ves</li> <li>Performance data / open communication</li> <li>Amount of data</li> <li>as user data per ISO on TCP connection / for open communication / by means of SEND/RECEIVE</li> <li>Bioks / maximum</li> <li>as user data per TCP connection / for open communication / by means of SEND/RECEIVE</li> <li>Bioks / maximum</li> <li>as user data per TCP connection / for open communication / by means of SEND/RECEIVE</li> </ul>	Ambient temperature	
operation     eduring storage     -40 +70 °C       • during transport     -40 +70 °C       • during transport     -40 +70 °C       Relative humidity     • at 25 °C / without condensation / during operation / maximum       • out 25 °C / without condensation / during operation / maximum     95 %       Protection class IP     IP20       Design, dimensions and weights     IP20       Module format     Compact module S7-300 single width       Width     40 mm       Height     125 mm       Depth     120 mm       Net weight     0.22 kg       Mounting type     • S7-300 rail mounting       • S7-300 rail mounting     Yes       Performance data / open communication     8       Armount of data     • as user data per ISO on TCP connection / for open communication / by means of SEND/RECEIVE     8 Kibyte       • as user data per ISO on TCP connection / for open communication / by means of SEND/RECEIVE     8 Kibyte	<ul> <li>for vertical installation / during operation</li> </ul>	0 40 °C
• during transport       -40 +70 °C         Relative humidity       95 %         • at 25 °C / without condensation / during operation / maximum       95 %         Protection class IP       IP20         Design, dimensions and weights       IP20         Module format       Compact module \$7-300 single width         With       40 mm         Height       125 mm         Depth       120 mm         Net weight       0.22 kg         Mounting type       • \$7-300 rail mounting         • \$7-300 rail mounting       Yes         Performance data / open communication       8         Amount of data       8         • as user data per ISO on TCP connection / for open communication / by means of SEND/RECEIVE blocks / maximum       8 Kibyte         • as user data per ISO on TCP connection / for open communication / by means of SEND/RECEIVE blocks / maximum       8 Kibyte		0 60 °C
Relative humidity       95 %         e at 25 °C / without condensation / during operation / maximum       95 %         Protection class IP       IP20         Design, dimensions and weights       IP20         Module format       Compact module S7-300 single width         Width       40 mm         Height       125 mm         Depth       120 mm         Net weight       0.22 kg         Mounting type       • S7-300 rail mounting         • S7-300 rail mounting       Yes         Performance data / open communication       8         Amount of data       as user data per ISO on TCP connection / for open communication / by means of SEND/RECEIVE blocks / maximum       8 Kibyte         • as user data per ICP connection / for open communication / by means of SEND/RECEIVE blocks / maximum       8 Kibyte	• during storage	-40 +70 °C
• at 25 °C / without condensation / during operation / maximum       95 %         Protection class IP       IP20         Design, dimensions and weights       IP20         Module format       Compact module S7-300 single width         Width       40 mm         Height       125 mm         Depth       120 mm         Net weight       0.22 kg         Mounting type       • S7-300 rail mounting         • S7-300 rail mounting       Yes         Performance data / open communication       Yes         Amount of data       8         • as user data per ISO on TCP connection / for open communication / by means of SEND/RECEIVE       8 Kibyte         • as user data per ISO on TCP connection / for open communication / by means of SEND/RECEIVE       8 Kibyte         • as user data per TCP connection / for open communication / by means of SEND/RECEIVE       8 Kibyte	<ul> <li>during transport</li> </ul>	-40 +70 °C
operation / maximum       IP20         Protection class IP       IP20         Design, dimensions and weights       Compact module S7-300 single width         Width       40 mm         Height       125 mm         Depth       120 mm         Net weight       0.22 kg         Mounting type       • S7-300 rail mounting         • S7-300 rail mounting       Yes         Performance data / open communication       8         Number of possible connections / for open communication / by means of SEND/RECEIVE blocks / maximum       8         Amount of data       • as user data per ISO on TCP connection / for open communication / by means of SEND/RECEIVE blocks / maximum       8 Kibyte         • as user data per TCP connection / for open communication / by means of SEND/RECEIVE       8 Kibyte	Relative humidity	
operation / maximum       IP20         Design, dimensions and weights       Compact module S7-300 single width         Module format       Compact module S7-300 single width         Width       40 mm         Height       125 mm         Depth       120 mm         Net weight       0.22 kg         Mounting type       • S7-300 rail mounting         • S7-300 rail mounting       Yes         Performance data / open communication       8         Number of possible connections / for open communication / by means of SEND/RECEIVE blocks / maximum       8         Amount of data       • as user data per ISO on TCP connection / for open communication / by means of SEND/RECEIVE blocks / maximum       8 Kibyte         • as user data per TCP connection / for open communication / by means of SEND/RECEIVE       8 Kibyte	<ul> <li>at 25 °C / without condensation / during</li> </ul>	95 %
Design, dimensions and weights         Module format       Compact module S7-300 single width         Width       40 mm         Height       125 mm         Depth       120 mm         Net weight       0.22 kg         Mounting type       • S7-300 rail mounting         • S7-300 rail mounting       Yes         Performance data / open communication       Yes         Number of possible connections / for open communication / by means of SEND/RECEIVE       8         Amount of data       • as user data per ISO on TCP connection / for open communication / by means of SEND/RECEIVE       8 Kibyte         • as user data per ISO on TCP connection / for open communication / by means of SEND/RECEIVE       8 Kibyte         • as user data per ISO on TCP connection / for open communication / by means of SEND/RECEIVE       8 Kibyte	-	
Module format       Compact module S7-300 single width         Width       40 mm         Height       125 mm         Depth       120 mm         Net weight       0.22 kg         Mounting type       • S7-300 rail mounting         • S7-300 rail mounting       Yes         Performance data / open communication       Yes         Number of possible connections / for open communication / by means of SEND/RECEIVE       8         Amount of data       • as user data per ISO on TCP connection / for open communication / by means of SEND/RECEIVE blocks / maximum       8 Kibyte         • as user data per ISO on TCP connection / for open communication / by means of SEND/RECEIVE blocks / maximum       8 Kibyte	Protection class IP	IP20
Width       40 mm         Height       125 mm         Depth       120 mm         Net weight       0.22 kg         Mounting type       • S7-300 rail mounting         • S7-300 rail mounting       Yes         Performance data / open communication       Yes         Number of possible connections / for open communication / by means of SEND/RECEIVE blocks / maximum       8         Amount of data       • as user data per ISO on TCP connection / for open communication / by means of SEND/RECEIVE blocks / maximum       8 Kibyte         • as user data per ISO on TCP connection / for open communication / by means of SEND/RECEIVE blocks / maximum       8 Kibyte         • as user data per ISO on TCP connection / for open communication / by means of SEND/RECEIVE blocks / maximum       8 Kibyte	Design, dimensions and weights	
Height       125 mm         Depth       120 mm         Net weight       0.22 kg         Mounting type	Module format	Compact module S7-300 single width
Depth       120 mm         Net weight       0.22 kg         Mounting type       Yes         • S7-300 rail mounting       Yes         Performance data / open communication         Number of possible connections / for open       8         communication / by means of SEND/RECEIVE       8         blocks / maximum       8 Kibyte         Amount of data       8 Kibyte         • as user data per ISO on TCP connection / for open communication / by means of SEND/RECEIVE blocks / maximum       8 Kibyte         • as user data per TCP connection / for open communication / by means of SEND/RECEIVE       8 Kibyte	Width	40 mm
Net weight       0.22 kg         Mounting type       • S7-300 rail mounting         • S7-300 rail mounting       Yes         Performance data / open communication       Yes         Number of possible connections / for open communication / by means of SEND/RECEIVE blocks / maximum       8         Amount of data       • as user data per ISO on TCP connection / for open communication / by means of SEND/RECEIVE blocks / maximum       8 Kibyte         • as user data per ISO on TCP connection / for open communication / by means of SEND/RECEIVE blocks / maximum       8 Kibyte         • as user data per TCP connection / for open communication / by means of SEND/RECEIVE       8 Kibyte	Height	125 mm
Mounting type       Yes         Performance data / open communication       Yes         Number of possible connections / for open communication / by means of SEND/RECEIVE blocks / maximum       8         Amount of data       • as user data per ISO on TCP connection / for open communication / by means of SEND/RECEIVE blocks / maximum       8 Kibyte         • as user data per ISO on TCP connection / for open communication / by means of SEND/RECEIVE blocks / maximum       8 Kibyte         • as user data per TCP connection / for open communication / by means of SEND/RECEIVE blocks / maximum       8 Kibyte	Depth	120 mm
<ul> <li>S7-300 rail mounting</li> <li>Yes</li> <li>Performance data / open communication</li> <li>Number of possible connections / for open communication / by means of SEND/RECEIVE blocks / maximum</li> <li>Amount of data         <ul> <li>as user data per ISO on TCP connection / for open communication / by means of SEND/RECEIVE blocks / maximum</li> <li>as user data per ISO on TCP connection / for open communication / by means of SEND/RECEIVE blocks / maximum</li> <li>as user data per TCP connection / for open communication / by means of SEND/RECEIVE</li> </ul> </li> </ul>	Net weight	0.22 kg
Performance data / open communication         Number of possible connections / for open communication / by means of SEND/RECEIVE blocks / maximum       8         Amount of data       • as user data per ISO on TCP connection / for open communication / by means of SEND/RECEIVE blocks / maximum       8 Kibyte         • as user data per ISO on TCP connection / for open communication / by means of SEND/RECEIVE blocks / maximum       8 Kibyte         • as user data per TCP connection / for open communication / by means of SEND/RECEIVE       8 Kibyte	Mounting type	
Number of possible connections / for open       8         communication / by means of SEND/RECEIVE       8         blocks / maximum       4         Amount of data       8         • as user data per ISO on TCP connection / for open communication / by means of SEND/RECEIVE blocks / maximum       8         • as user data per TCP connection / for open communication / by means of SEND/RECEIVE blocks / maximum       8         • as user data per TCP connection / for open communication / by means of SEND/RECEIVE       8	<ul> <li>S7-300 rail mounting</li> </ul>	Yes
Number of possible connections / for open       8         communication / by means of SEND/RECEIVE       8         blocks / maximum       4         Amount of data       8         • as user data per ISO on TCP connection / for open communication / by means of SEND/RECEIVE blocks / maximum       8         • as user data per TCP connection / for open communication / by means of SEND/RECEIVE blocks / maximum       8         • as user data per TCP connection / for open communication / by means of SEND/RECEIVE       8	Performance data / open communication	
blocks / maximum       Amount of data         Amount of data       8 Kibyte         • as user data per ISO on TCP connection / for open communication / by means of SEND/RECEIVE blocks / maximum       8 Kibyte         • as user data per TCP connection / for open communication / by means of SEND/RECEIVE       8 Kibyte		8
Amount of data       8 Kibyte         • as user data per ISO on TCP connection / for open communication / by means of SEND/RECEIVE blocks / maximum       8 Kibyte         • as user data per TCP connection / for open communication / by means of SEND/RECEIVE       8 Kibyte	-	
<ul> <li>as user data per ISO on TCP connection / for open communication / by means of SEND/RECEIVE blocks / maximum</li> <li>as user data per TCP connection / for open communication / by means of SEND/RECEIVE</li> </ul>		
open communication / by means of       SEND/RECEIVE blocks / maximum         • as user data per TCP connection / for open communication / by means of SEND/RECEIVE       8 Kibyte	Amount of data	
SEND/RECEIVE blocks / maximum         • as user data per TCP connection / for open communication / by means of SEND/RECEIVE       8 Kibyte	-	8 Kibyte
communication / by means of SEND/RECEIVE		
	communication / by means of SEND/RECEIVE	8 Kibyte

<ul> <li>as user data per UDP connection / for open IE communication / by means of SEND/RECEIVE blocks / maximum</li> </ul>	2 Kibyte	
Number of Multicast stations	8	
Performance data / S7 communication		
Number of possible connections / for S7		
communication		
• maximum	4	
Service		
<ul> <li>of SIMATIC communication / as server</li> </ul>	Yes	
Performance data / multi-protocol mode		
Number of active connections / with multi-protocol mode	12	
Performance data / PROFINET communication / as	PN IO controller	
Product function / PROFINET IO controller	No	
Performance data / PROFINET communication / as	PN IO device	
Product function / PROFINET IO device	Yes	
Amount of data		
<ul> <li>as user data for input variables / as PROFINET</li> <li>IO device / maximum</li> </ul>	512 byte	
<ul> <li>as user data for input variables / as PROFINET</li> <li>IO device / maximum</li> </ul>	512 byte	
<ul> <li>as user data for input variables / for each sub- module as PROFINET IO device</li> </ul>	240 byte	
<ul> <li>as user data for input variables / for each sub- module as PROFINET IO device</li> </ul>	240 byte	
<ul> <li>as user data for the consistency area for each sub-module</li> </ul>	240 byte	
Number of submodules / per PROFINET IO-Device	32	
Performance data / telecontrol		
Protocol / is supported		
• TCP/IP	Yes	
Product functions / management, configuration, engineering		
Product function / MIB support	Yes	
Protocol / is supported		
• SNMP v1	Yes	
• DCP	Yes	
• LLDP	Yes	
Configuration software		
• required	STEP 7 V5.4 or higher / STEP 7 Professional V11 (TIA Portal) or higher	
Identification & maintenance function		

<ul> <li>I&amp;M0 - device-specific information</li> </ul>	Yes
I&M1 – higher-level designation/location	Yes
designation	
Product functions / Diagnostics	
Product function / Web-based diagnostics	Yes
-	
Product functions / Switch	
Product feature / Switch	Yes
Product function	
<ul> <li>switch-managed</li> </ul>	No
<ul> <li>with IRT / PROFINET IO switch</li> </ul>	No
<ul> <li>Configuration with STEP 7</li> </ul>	Yes
Product functions / redundancy	
Product function	
<ul> <li>Ring redundancy</li> </ul>	Yes
<ul> <li>Redundancy manager</li> </ul>	No
Protocol / is supported / Media Redundancy Protocol (MRP)	Yes
Product functions / Security	
Product function	
<ul> <li>password protection for Web applications</li> </ul>	No
ACL - IP-based	Yes
<ul> <li>ACL - IP-based for PLC/routing</li> </ul>	No
<ul> <li>switch-off of non-required services</li> </ul>	Yes
<ul> <li>Blocking of communication via physical ports</li> </ul>	Yes
<ul> <li>log file for unauthorized access</li> </ul>	No
Product functions / time	
Product function / SICLOCK support	Yes
Product function / pass on time synchronization	Yes
Protocol / is supported	
• NTP	Yes
Further information / Internet-Links	
Internet-Link	
<ul> <li>to website: Selector SIMATIC NET SELECTION TOOL</li> </ul>	http://www.siemens.com/snst
• to website: Industrial communication	http://www.siemens.com/simatic-net
• to website: Industry Mall	https://mall.industry.siemens.com
• to website: Information and Download Center	http://www.siemens.com/industry/infocenter
<ul> <li>to website: Image database</li> </ul>	http://automation.siemens.com/bilddb
<ul> <li>to website: CAx Download Manager</li> </ul>	http://www.siemens.com/cax
• to website: Industry Online Support	https://support.industry.siemens.com

Security information	
Security information	Siemens provides products and solutions with industrial security functions that support the secure operation of plants, solutions, machines, equipment and/or networks. They are important components in a holistic industrial security concept. With this in mind, Siemens' products and solutions undergo continuous development. Siemens recommends strongly that you regularly check for product updates. For the secure operation of Siemens products and solutions, it is necessary to take suitable preventive action(e.g. cell protection concept) and integrate each component into a holistic, state-of-the-art industrial security concept. Third- party products that may be in use should also be considered. For more information about industrial security, visit http://www.siemens.com/industrialsecurity. To stay informed about product updates as they occur, sign up for a product-specific newsletter. For more information, visit http://support.automation.siemens.com. (V3.4)
last modified:	07/13/2020