## SIEMENS 6ES7513-2PM03-0AB0 PROFINET IRT WITH 3-PORT SWITCH, 2ND INTERFACE: PROFINET RT, 25 NS BIT PERFORMANCE, DEGREE OF

## **Basic Information**

- Place of Origin:
- Brand Name:

Germany

SIEMENS

6ES7512-1DM03-0AB0

15,10 x 15,40 x 4,60

CE

1

USD

100

- Certification:
- Model Number:
- Minimum Order Quantity:
- Price:
- Packaging Details:
- Delivery Time: 10-12Days
- Payment Terms: L/C, T/T
- Supply Ability:



## **Product Specification**

<ul> <li>Dimensions:</li> </ul>	130 X 150 X 120 Mm
Communication Interfaces:	PROFINET, PROFIBUS, Ethernet/IP Modbus TCP, TCP/IP
<ul> <li>Memory Size:</li> </ul>	4 MB
Number Of Digital Outputs:	32
• Weight:	0.5 Kg
<ul> <li>Programming Language:</li> </ul>	STEP 7 (TIA Portal)
<ul> <li>Number Of Digital Inputs:</li> </ul>	32
<ul> <li>Protection Rating:</li> </ul>	IP20
<ul> <li>Number Of Analog Outputs</li> </ul>	:8
<ul> <li>Operating Voltage:</li> </ul>	24 V DC
• Cpu Type:	S7-1500
<ul> <li>Number Of Analog Inputs:</li> </ul>	8
<ul> <li>Operating Temperature Range:</li> </ul>	-20°C To +60°C

Our Product Introduction

## **Product Description**

SIEMENS 6ES7513-2PM03-0AB0 PROFINET IRT WITH 3-PORT SWITCH, 2ND INTERFACE: PROFINET RT, 25 NS BIT PERFORMANCE, DEGREE OF The SIEMENS 6ES7513-2PM03-0AB0 is a central processing unit (CPU) that is part of the SIMATIC S7-1500 automation system. Here are the key details about this CPU:

- PROFINET IRT with 3-Port Switch:
- This CPU has a built-in PROFINET interface with an integrated 3-port switch.

- The PROFINET interface supports the PROFINET IRT (Isochronous Real-Time) communication protocol, which enables highly synchronized and deterministic data exchange.

- The 3-port switch allows the CPU to be connected directly to other PROFINET devices without requiring an external switch. Second PROFINET RT Interface:

- In addition to the PROFINET IRT interface, this CPU model also has a second PROFINET RT (Real-Time) interface.
- The PROFINET RT interface provides standard real-time Ethernet communication capabilities.

Ultra-Fast 25 ns Bit Performance:

- This CPU boasts an extremely fast bit performance of 25 nanoseconds per bit operation.
- This high processing speed enables very responsive and precise control of industrial processes.
- Degree of Protection:

- The CPU has a degree of protection of IP20, which means it is protected against the ingress of solid foreign objects and dripping water.

- This makes the CPU suitable for installation in control cabinets or other enclosed environments.

- Other Features:
- Work Memory: 500 KB for program and 3 MB for data
- Part of the modular SIMATIC S7-1500 system
- Programmed using the STEP 7 engineering software

The key distinguishing features of this CPU model are the integrated PROFINET IRT interface with a 3-port switch, the additional PROFINET RT interface, and the extremely fast 25 ns bit performance.

These capabilities make the CPU 1513-2 PN ideal for applications that require highly synchronized and deterministic industrial Ethernet communication, such as motion control, packaging, or other time-critical automation tasks. The combination of PROFINET IRT and PROFINET RT interfaces also provides flexibility in terms of network integration.

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General information	)n
Product type	CPU 1513pro-2 PN
designation	
HW functional	FS01
status	
Firmware version	V3.1
<ul> <li>FW update</li> </ul>	Yes
possible	
Product function	
<ul> <li>I&amp;M data</li> </ul>	Yes; I&M0 to I&M3
<ul> <li>Isochronous</li> </ul>	Yes; Via X1, with minimum OB 6x cycle of 500 μs
mode	
<ul> <li>SysLog</li> </ul>	Yes
Engineering with	•
• STEP 7 TIA	
Portal	V19 (FW V3.1); with older TIA Portal versions configurable as 6ES7513-
configurable/integ	2PL00-0AB0
rated from version	
Configuration cont	rol
via dataset	No
Control elements	
Mode selector	1
switch	
Supply voltage	
Rated value (DC)	24 V
permissible	
range, lower limit	20.4 V
(DC)	
permissible	
range, upper limit	28.8 V
(DC)	
Reverse polarity	Yes
protection	
Mains buffering	1
Mains/voltage	
failure stored	5 ms
energy time	
Input current	1
Current	
consumption	0.22 A
(rated value)	
Current	
consumption,	0.35 A
max.	
L	1

max.	0.63 A; Rated value
l²t	0.3 A <sup>2</sup> ·s
from supply	0.35 A
voltage 1L+, max.	
Power	1
Infeed power to the backplane bus	2.275 W
Power loss	9
Power loss, typ.	(3.3 W
Memory	
Number of slots	
for SIMATIC	1
memory card	
SIMATIC memory card required	Yes
Work memory	
<ul> <li>integrated (for</li> </ul>	
program)	600 kbyte
<ul> <li>integrated (for</li> </ul>	2.5 Mbyte
data)	
Load memory ● Plug-in	1
SIMATIC	
Memory Card),	32 Gbyte
max.	
Backup	
<ul> <li>maintenance-</li> </ul>	Yes
free CPU processing ti	
<b>6</b> 1 11 11	1
typ.	25 ns
for word	00 m
operations, typ.	32 ns
for fixed point	42 ns
arithmetic, typ.	
for floating point arithmetic, typ.	170 ns
CPU-blocks	
Number of	
Number of elements (total)	4 000; Blocks (OB, FB, FC, DB) and UDTs
	4 000; Blocks (OB, FB, FC, DB) and UDTs
elements (total)	1 60 999; subdivided into: number range that can be used by the use
<ul> <li>elements (total)</li> <li>DB</li> <li>Number range</li> <li>Size, max.</li> </ul>	1 60 999; subdivided into: number range that can be used by the use 1 59 999, and number range of DBs created via SFC 86: 60 000 60
elements (total) DB • Number range • Size, max. FB	1 60 999; subdivided into: number range that can be used by the use 1 59 999, and number range of DBs created via SFC 86: 60 000 60 999 2.5 Mbyte; For DBs with absolute addressing, the max. size is 64 KB
<ul> <li>elements (total)</li> <li>DB</li> <li>Number range</li> <li>Size, max.</li> <li>FB</li> <li>Number range</li> </ul>	1 60 999; subdivided into: number range that can be used by the use 1 59 999, and number range of DBs created via SFC 86: 60 000 60 999 2.5 Mbyte; For DBs with absolute addressing, the max. size is 64 KB 0 65 535
<ul> <li>elements (total)</li> <li>DB</li> <li>Number range</li> <li>Size, max.</li> <li>FB</li> <li>Number range</li> <li>Size, max.</li> </ul>	1 60 999; subdivided into: number range that can be used by the use 1 59 999, and number range of DBs created via SFC 86: 60 000 60 999 2.5 Mbyte; For DBs with absolute addressing, the max. size is 64 KB
elements (total) DB • Number range • Size, max. FB • Number range • Size, max. FC	1 60 999; subdivided into: number range that can be used by the use 1 59 999, and number range of DBs created via SFC 86: 60 000 60 999 2.5 Mbyte; For DBs with absolute addressing, the max. size is 64 KB 0 65 535 600 kbyte
elements (total) DB • Number range • Size, max. FB • Number range • Size, max. FC	1 60 999; subdivided into: number range that can be used by the use 1 59 999, and number range of DBs created via SFC 86: 60 000 60 999 2.5 Mbyte; For DBs with absolute addressing, the max. size is 64 KB 0 65 535 600 kbyte 0 65 535
elements (total) DB • Number range • Size, max. FB • Number range • Size, max. FC • Number range	1 60 999; subdivided into: number range that can be used by the use 1 59 999, and number range of DBs created via SFC 86: 60 000 60 999 2.5 Mbyte; For DBs with absolute addressing, the max. size is 64 KB 0 65 535 600 kbyte
elements (total) DB • Number range • Size, max. FB • Number range • Size, max. FC • Number range • Size, max.	1 60 999; subdivided into: number range that can be used by the use 1 59 999, and number range of DBs created via SFC 86: 60 000 60 999 2.5 Mbyte; For DBs with absolute addressing, the max. size is 64 KB 0 65 535 600 kbyte 0 65 535
elements (total) DB • Number range • Size, max. FB • Number range • Size, max. FC • Number range • Size, max. OB • Size, max. • Number of free	<ol> <li>1 60 999; subdivided into: number range that can be used by the use</li> <li>1 59 999, and number range of DBs created via SFC 86: 60 000 60</li> <li>999</li> <li>2.5 Mbyte; For DBs with absolute addressing, the max. size is 64 KB</li> <li>0 65 535</li> <li>600 kbyte</li> <li>600 kbyte</li> </ol>
elements (total) DB • Number range • Size, max. FB • Number range • Size, max. FC • Number range • Size, max. OB • Size, max. • Number of free cycle OBs	1 60 999; subdivided into: number range that can be used by the use 1 59 999, and number range of DBs created via SFC 86: 60 000 60 999 2.5 Mbyte; For DBs with absolute addressing, the max. size is 64 KB 0 65 535 600 kbyte 0 65 535 600 kbyte
elements (total) DB Number range Size, max. FB Number range Size, max. FC Number range Size, max. OB Size, max. OB Size, max. Number of free cycle OBs Number of time	<ol> <li>1 60 999; subdivided into: number range that can be used by the use</li> <li>1 59 999, and number range of DBs created via SFC 86: 60 000 60</li> <li>999</li> <li>2.5 Mbyte; For DBs with absolute addressing, the max. size is 64 KB</li> <li>0 65 535</li> <li>600 kbyte</li> <li>600 kbyte</li> </ol>
elements (total) DB • Number range • Size, max. FB • Number range • Size, max. FC • Number range • Size, max. OB • Size, max. OB • Size, max. • Number of free cycle OBs • Number of time alarm OBs	1 60 999; subdivided into: number range that can be used by the use         1 59 999, and number range of DBs created via SFC 86: 60 000 60         999         2.5 Mbyte; For DBs with absolute addressing, the max. size is 64 KB         0 65 535         600 kbyte         600 kbyte         100         20
elements (total) DB Number range Size, max. FB Number range Size, max. FC Number range Size, max. OB Size, max. OB Size, max. Number of free cycle OBs Number of time alarm OBs Number of	1 60 999; subdivided into: number range that can be used by the use         1 59 999, and number range of DBs created via SFC 86: 60 000 61         999         2.5 Mbyte; For DBs with absolute addressing, the max. size is 64 KB         0 65 535         600 kbyte         600 kbyte         100
elements (total) DB • Number range • Size, max. FB • Number range • Size, max. FC • Number range • Size, max. OB • Size, max. OB • Size, max. • Number of free cycle OBs • Number of time alarm OBs	1 60 999; subdivided into: number range that can be used by the use         1 59 999, and number range of DBs created via SFC 86: 60 000 61         999         2.5 Mbyte; For DBs with absolute addressing, the max. size is 64 KB         0 65 535         600 kbyte         600 kbyte         100         20
elements (total) DB Number range Size, max. FB Number range Size, max. FC Number range Size, max. OB Size, max. OB Size, max. OB Size, max. Number of free cycle OBs Number of time alarm OBs Number of delay alarm OBs Number of cyclic interrupt	1 60 999; subdivided into: number range that can be used by the use         1 59 999, and number range of DBs created via SFC 86: 60 000 61         999         2.5 Mbyte; For DBs with absolute addressing, the max. size is 64 KB         0 65 535         600 kbyte         600 kbyte         100         20
elements (total) DB Number range Size, max. FB Number range Size, max. FC Number range Size, max. OB Size, max. OB Size, max. OB Size, max. Number of free cycle OBs Number of time alarm OBs Number of delay alarm OBs Number of cyclic interrupt OBs	1       60 999; subdivided into: number range that can be used by the use         1       59 999, and number range of DBs created via SFC 86: 60 000 60         999       2.5 Mbyte; For DBs with absolute addressing, the max. size is 64 KB         0       65 535         600 kbyte         600 kbyte         100         20         20
elements (total) DB Number range Size, max. FB Number range Size, max. FC Number range Size, max. OB Size, max. OB Size, max. Number of free cycle OBs Number of time alarm OBs Number of delay alarm OBs Number of cyclic interrupt OBs Number of	1 60 999; subdivided into: number range that can be used by the use         1 59 999, and number range of DBs created via SFC 86: 60 000 61         999         2.5 Mbyte; For DBs with absolute addressing, the max. size is 64 KB         0 65 535         600 kbyte         600 kbyte         100         20         20         20         20; With minimum OB 3x cycle of 250 µs
elements (total) DB Number range Size, max. FB Number range Size, max. FC Number range Size, max. OB Size, max. OB Size, max. Number of free cycle OBs Number of time alarm OBs Number of delay alarm OBs Number of cyclic interrupt OBs Number of process alarm	1       60 999; subdivided into: number range that can be used by the use         1       59 999, and number range of DBs created via SFC 86: 60 000 60         999       2.5 Mbyte; For DBs with absolute addressing, the max. size is 64 KB         0       65 535         600 kbyte         600 kbyte         100         20         20
elements (total) DB Number range Size, max. FB Number range Size, max. FC Number range Size, max. OB Size, max. OB Size, max. Number of free cycle OBs Number of time alarm OBs Number of delay alarm OBs Number of cyclic interrupt OBs Number of process alarm OBs	1 60 999; subdivided into: number range that can be used by the use         1 59 999, and number range of DBs created via SFC 86: 60 000 60         999         2.5 Mbyte; For DBs with absolute addressing, the max. size is 64 KB         0 65 535         600 kbyte         0 65 535         600 kbyte         100         20         20         20; With minimum OB 3x cycle of 250 μs         50
elements (total) DB Number range Size, max. FB Number range Size, max. FC Number range Size, max. OB Size, max. OB Size, max. Number of free cycle OBs Number of time alarm OBs Number of delay alarm OBs Number of cyclic interrupt OBs Number of process alarm	1 60 999; subdivided into: number range that can be used by the use         1 59 999, and number range of DBs created via SFC 86: 60 000 61         999         2.5 Mbyte; For DBs with absolute addressing, the max. size is 64 KB         0 65 535         600 kbyte         600 kbyte         100         20         20         20         20; With minimum OB 3x cycle of 250 µs
elements (total) DB Number range Size, max. FB Number range Size, max. FC Number range Size, max. OB Size, max. OB Size, max. OB Size, max. Number of free cycle OBs Number of time alarm OBs Number of delay alarm OBs Number of cyclic interrupt OBs Number of process alarm OBs Number of	1 60 999; subdivided into: number range that can be used by the use         1 59 999, and number range of DBs created via SFC 86: 60 000 60         999         2.5 Mbyte; For DBs with absolute addressing, the max. size is 64 KB         0 65 535         600 kbyte         0 65 535         600 kbyte         100         20         20         20; With minimum OB 3x cycle of 250 μs         50
elements (total) DB Number range Size, max. FB Number range Size, max. FC Number range Size, max. OB Size, max. OB Size, max. OB Size, max. Number of free cycle OBs Number of time alarm OBs Number of delay alarm OBs Number of cyclic interrupt OBs Number of process alarm OBs Number of DPV1 alarm OBs Number of isochronous	1 60 999; subdivided into: number range that can be used by the use         1 59 999, and number range of DBs created via SFC 86: 60 000 60         999         2.5 Mbyte; For DBs with absolute addressing, the max. size is 64 KB         0 65 535         600 kbyte         0 65 535         600 kbyte         100         20         20         20; With minimum OB 3x cycle of 250 μs         50
elements (total) DB Number range Size, max. FB Number range Size, max. FC Number range Size, max. FC Number range Size, max. OB Size, max. OB Size, max. Number of free cycle OBs Number of free cycle OBs Number of time alarm OBs Number of delay alarm OBs Number of cyclic interrupt OBs Number of process alarm OBs Number of DPV1 alarm OBs Number of isochronous mode OBs	1       60 999; subdivided into: number range that can be used by the use         1       59 999, and number range of DBs created via SFC 86: 60 000 60         999       2.5 Mbyte; For DBs with absolute addressing, the max. size is 64 KB         0       65 535         600 kbyte       0         600 kbyte       0         100       20         20       20         20; With minimum OB 3x cycle of 250 μs         50       3
elements (total) DB Number range Size, max. FB Number range Size, max. FC Number range Size, max. FC Number range Size, max. OB Size, max. OB Size, max. Number of free cycle OBs Number of free cycle OBs Number of time alarm OBs Number of delay alarm OBs Number of process alarm OB Number of DPV1 alarm OBs Number of isochronous mode OBs Number of	1       60 999; subdivided into: number range that can be used by the use         1       59 999, and number range of DBs created via SFC 86: 60 000 60         999       2.5 Mbyte; For DBs with absolute addressing, the max. size is 64 KB         0       65 535         600 kbyte       0         600 kbyte       0         100       20         20       20         20; With minimum OB 3x cycle of 250 μs         50       3
elements (total) DB Number range Size, max. FB Number range Size, max. FC Number range Size, max. OB Size, max. Number of free cycle OBs Number of cyclic interrupt OBs Number of DPV1 alarm OBs Number of isochronous mode OBs Number of technology	1       60 999; subdivided into: number range that can be used by the use         1       59 999, and number range of DBs created via SFC 86: 60 000 60         999       2.5 Mbyte; For DBs with absolute addressing, the max. size is 64 KB         0       65 535         600 kbyte       0         600 kbyte       0         100       20         20       20         20; With minimum OB 3x cycle of 250 μs         50       3
elements (total) DB Number range Size, max. FB Number range Size, max. FC Number range Size, max. FC Number range Size, max. OB Size, max. OB Size, max. Number of free cycle OBs Number of free cycle OBs Number of time alarm OBs Number of delay alarm OBs Number of process alarm OB Number of DPV1 alarm OBs Number of isochronous mode OBs Number of	1 60 999; subdivided into: number range that can be used by the use         1 59 999, and number range of DBs created via SFC 86: 60 000 60         999         2.5 Mbyte; For DBs with absolute addressing, the max. size is 64 KB         0 65 535         600 kbyte         0 65 535         600 kbyte         100         20         20         20; With minimum OB 3x cycle of 250 μs         50         3         1

<ul> <li>Number of startup OBs</li> </ul>	100
Number of	
<ul> <li>Number of asynchronous</li> </ul>	4
error OBs	4
Number of	
synchronous error OBs	2
<ul> <li>Number of</li> </ul>	1
diagnostic alarm	1
OBs	
Nesting depth	
<ul> <li>per priority</li> </ul>	24
class	
Counters, timers a	and their retentivity
S7 counter	
<ul> <li>Number</li> </ul>	2 048
Retentivity	
— adjustable	Yes
IEC counter	
Number	Any (only limited by the main memory)
Retentivity	
— adjustable	Yes
	1 50
S7 times	0.040
Number	2 048
Retentivity	k -
— adjustable	Yes
IEC timer	
<ul> <li>Number</li> </ul>	Any (only limited by the main memory)
Retentivity	
– adjustable	Yes
Data areas and th	eir retentivity
Retentive data	
area (incl. timers,	
	256 kbyte; in total; available retentive memory for bit memories, timers,
oountoro flogo)	
counters, flags),	counters, DBs, and technology data (axes): 216 KB
counters, flags), max.	
max.	
max. Flag	counters, DBs, and technology data (axes): 216 KB
max. Flag • Size, max.	
max. Flag ● Size, max. ● Number of	counters, DBs, and technology data (axes): 216 KB 16 kbyte
max. Flag • Size, max. • Number of clock memories	counters, DBs, and technology data (axes): 216 KB
max. Flag • Size, max. • Number of clock memories Data blocks	counters, DBs, and technology data (axes): 216 KB 16 kbyte
max. Flag • Size, max. • Number of clock memories Data blocks • Retentivity	counters, DBs, and technology data (axes): 216 KB 16 kbyte 8; 8 clock memory bit, grouped into one clock memory byte
max. Flag • Size, max. • Number of clock memories Data blocks • Retentivity adjustable	counters, DBs, and technology data (axes): 216 KB 16 kbyte
max. Flag • Size, max. • Number of clock memories Data blocks • Retentivity	counters, DBs, and technology data (axes): 216 KB 16 kbyte 8; 8 clock memory bit, grouped into one clock memory byte Yes
max. Flag • Size, max. • Number of clock memories Data blocks • Retentivity adjustable	counters, DBs, and technology data (axes): 216 KB 16 kbyte 8; 8 clock memory bit, grouped into one clock memory byte
max. Flag • Size, max. • Number of clock memories Data blocks • Retentivity adjustable • Retentivity	counters, DBs, and technology data (axes): 216 KB 16 kbyte 8; 8 clock memory bit, grouped into one clock memory byte Yes
max. Flag • Size, max. • Number of clock memories Data blocks • Retentivity adjustable • Retentivity preset	counters, DBs, and technology data (axes): 216 KB 16 kbyte 8; 8 clock memory bit, grouped into one clock memory byte Yes No
max. Flag • Size, max. • Number of clock memories Data blocks • Retentivity adjustable • Retentivity preset Local data	counters, DBs, and technology data (axes): 216 KB 16 kbyte 8; 8 clock memory bit, grouped into one clock memory byte Yes
max. Flag • Size, max. • Number of clock memories Data blocks • Retentivity adjustable • Retentivity preset Local data • per priority class, max.	counters, DBs, and technology data (axes): 216 KB 16 kbyte 8; 8 clock memory bit, grouped into one clock memory byte Yes No
max. Flag • Size, max. • Number of clock memories Data blocks • Retentivity adjustable • Retentivity preset Local data • per priority class, max. Address area	counters, DBs, and technology data (axes): 216 KB 16 kbyte 8; 8 clock memory bit, grouped into one clock memory byte Yes No 64 kbyte; max. 16 KB per block
max. Flag • Size, max. • Number of clock memories Data blocks • Retentivity adjustable • Retentivity preset Local data • per priority class, max. Address area Number of IO	counters, DBs, and technology data (axes): 216 KB 16 kbyte 8; 8 clock memory bit, grouped into one clock memory byte Yes No
max. Flag • Size, max. • Number of clock memories Data blocks • Retentivity adjustable • Retentivity preset Local data • per priority class, max. Address area Number of IO modules	counters, DBs, and technology data (axes): 216 KB 16 kbyte 8; 8 clock memory bit, grouped into one clock memory byte Yes No 64 kbyte; max. 16 KB per block
max. Flag • Size, max. • Number of clock memories Data blocks • Retentivity adjustable • Retentivity preset Local data • per priority class, max. Address area Number of IO modules I/O address area	counters, DBs, and technology data (axes): 216 KB 16 kbyte 8; 8 clock memory bit, grouped into one clock memory byte Yes No 64 kbyte; max. 16 KB per block 2 048; max. number of modules / submodules
max. Flag • Size, max. • Number of clock memories Data blocks • Retentivity adjustable • Retentivity preset Local data • per priority class, max. Address area Number of IO modules I/O address area • Inputs	counters, DBs, and technology data (axes): 216 KB 16 kbyte 8; 8 clock memory bit, grouped into one clock memory byte Yes No 64 kbyte; max. 16 KB per block 2 048; max. number of modules / submodules 32 kbyte; All inputs are in the process image
max. Flag • Size, max. • Number of clock memories Data blocks • Retentivity adjustable • Retentivity preset Local data • per priority class, max. Address area Number of IO modules I/O address area • Inputs • Outputs	counters, DBs, and technology data (axes): 216 KB 16 kbyte 8; 8 clock memory bit, grouped into one clock memory byte Yes No 64 kbyte; max. 16 KB per block 2 048; max. number of modules / submodules 32 kbyte; All inputs are in the process image 32 kbyte; All outputs are in the process image
max. Flag • Size, max. • Number of clock memories Data blocks • Retentivity adjustable • Retentivity preset Local data • per priority class, max. Address area Number of IO modules I/O address area • Inputs • Outputs per integrated IO s	counters, DBs, and technology data (axes): 216 KB 16 kbyte 8; 8 clock memory bit, grouped into one clock memory byte Yes No 64 kbyte; max. 16 KB per block 2 048; max. number of modules / submodules 32 kbyte; All inputs are in the process image 32 kbyte; All outputs are in the process image
max. Flag • Size, max. • Number of clock memories Data blocks • Retentivity adjustable • Retentivity preset Local data • per priority class, max. Address area Number of IO modules I/O address area • Inputs • Outputs per integrated IO s - Inputs	counters, DBs, and technology data (axes): 216 KB 16 kbyte 8; 8 clock memory bit, grouped into one clock memory byte Yes No 64 kbyte; max. 16 KB per block 2 048; max. number of modules / submodules 32 kbyte; All inputs are in the process image 32 kbyte; All outputs are in the process image subsystem
max. Flag • Size, max. • Number of clock memories Data blocks • Retentivity adjustable • Retentivity preset Local data • per priority class, max. Address area Number of IO modules I/O address area • Inputs • Outputs per integrated IO s — Inputs (volume)	counters, DBs, and technology data (axes): 216 KB 16 kbyte 8; 8 clock memory bit, grouped into one clock memory byte Yes No 64 kbyte; max. 16 KB per block 2 048; max. number of modules / submodules 32 kbyte; All inputs are in the process image 32 kbyte; All outputs are in the process image
max. Flag • Size, max. • Number of clock memories Data blocks • Retentivity adjustable • Retentivity preset Local data • per priority class, max. Address area Number of IO modules I/O address area • Inputs • Outputs per integrated IO s - Inputs	counters, DBs, and technology data (axes): 216 KB 16 kbyte 8; 8 clock memory bit, grouped into one clock memory byte Yes No 64 kbyte; max. 16 KB per block 2 048; max. number of modules / submodules 32 kbyte; All inputs are in the process image 32 kbyte; All outputs are in the process image subsystem 8 kbyte
max. Flag • Size, max. • Number of clock memories Data blocks • Retentivity adjustable • Retentivity preset Local data • per priority class, max. Address area Number of IO modules I/O address area • Inputs • Outputs per integrated IO s — Inputs (volume)	counters, DBs, and technology data (axes): 216 KB 16 kbyte 8; 8 clock memory bit, grouped into one clock memory byte Yes No 64 kbyte; max. 16 KB per block 2 048; max. number of modules / submodules 32 kbyte; All inputs are in the process image 32 kbyte; All outputs are in the process image subsystem
max. Flag • Size, max. • Number of clock memories Data blocks • Retentivity adjustable • Retentivity preset Local data • per priority class, max. Address area Number of IO modules I/O address area • Inputs • Outputs per integrated IO s — Inputs (volume) — Outputs (volume)	counters, DBs, and technology data (axes): 216 KB 16 kbyte 8; 8 clock memory bit, grouped into one clock memory byte Yes No 64 kbyte; max. 16 KB per block 2 048; max. number of modules / submodules 32 kbyte; All inputs are in the process image 32 kbyte; All outputs are in the process image subsystem 8 kbyte 8 kbyte
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