SIEMENS PLC SIMATIC S7-1500 CPU 1516F-3 PN/DP 6ES7516-3FN01-0AB0 PROFINET RT

Basic Information

- Place of Origin:
- Brand Name:
- Certification:
- Model Number:
- CE SIEMENS PLC SIMATIC S7-1500 CPU 1516F-3 PN/DP 6ES7516-3FN01-0AB0 PROFINET RT

15,10 x 15,40 x 4,60

10-12Days

L/C, T/T 100

Germany

SIEMENS

1 USD

8

8

8

- Minimum Order Quantity:
- Price:
- Packaging Details:
- Delivery Time:
- Payment Terms:
- Supply Ability:



Product Specification

- Number Of Communication 3 Interfaces:
- Number Of Analog Inputs: 8
- Maximum Number Of Analog I/O Modules:
- Maximum Number Of I/O 32
 Modules:
- Cpu Type: S7-1500
- Number Of Digital Inputs: 32
- Maximum Number Of Digital32
 I/O Modules:
- Maximum Number Of Technology Modules:
- Number Of Technology Modules:
- Number Of Digital Outputs: 32
- Programming Language: STEP 7 (TIA Portal)



Product Introduction:

The SIEMENS PLC SIMATIC S7-1500 CPU 1516-3 FN 6ES7516-3FN01-0AB0 is a high-performance central processing unit (CPU) specifically designed for industrial automation applications. It belongs to the SIEMENS SIMATIC S7-1500 series, renowned for its advanced functionality, reliability, and flexibility.

Product Information and Specifications:

- Model: CPU 1516-3 FN 6ES7516-3FN01-0AB0

The CPU 1516-3 FN is equipped with a powerful processor that ensures fast and efficient execution of control programs. It supports multiple programming languages, including ladder logic, function blocks, and structured text, providing flexibility and ease of use for complex control tasks.

In terms of memory capacity, the CPU 1516-3 FN offers ample storage space for both program and data. While specific details were not provided in the query, typical configurations of the CPU include program memory ranging from 2 MB to 6 MB and data memory ranging from 1 MB to 2 MB. This generous memory capacity allows users to store their control programs and necessary data structures for the PLC's operation.

Designed to operate in demanding industrial environments, the CPU 1516-3 FN delivers reliable and precise control for applications such as manufacturing, process control, and machine automation. It supports a wide range of communication interfaces, enabling seamless integration with other devices and systems within the automation network.

The CPU 1516-3 FN is typically programmed and configured using Siemens' TIA Portal (Totally Integrated Automation Portal) software. The TIA Portal provides a comprehensive engineering environment for efficient programming, simulation, and diagnostics, ensuring easy development and maintenance of automation projects. Product Attributes:

- Model: CPU 1516-3 FN 6ES7516-3FN01-0AB0
- Processor: Powerful processor for fast and efficient control program execution
- Programming Languages: Supports ladder logic, function blocks, and structured text
- Memory Capacity: Ample storage space for program and data
- Communication Interfaces: Supports various communication interfaces
- Engineering Software: Programmed and configured using Siemens' TIA Portal
- Suitable for: Manufacturing, process control, and machine automation applications

In summary, the SIEMENS PLC SIMATIC S7-1500 CPU 1516-3 FN 6ES7516-3FN01-0AB0 is a high-performance CPU offering advanced functionality, generous memory capacity, and seamless communication capabilities. It provides efficient and precise control for various industrial processes, making it well-suited for a wide range of industrial automation applications.

	General information	
	Product type CP	
	designation	
	HW functional FS	
	status	
	Firmware version V2.	
	Product function	
	 I&M data Yes 	
S	 Isochronous Yes 	
	mode (dis	
	Engineering with	
	STEP 7 TIA	
	Portal V1	
	conligurable/integra	
	Configuration control	
	via dataset Yes	
	Display	
	Screen diagonal	
	[cm] 6.1	
	Control elements	
	Mode selector	
	pormissible range	
	Roverce polarity	
	<u>'</u>	
	¥	
	failure stored 5 m	
	1 ··· · · · · · · · · · · · · · · · · ·	
	value)	
	DisplayScreen diagonal [cm]6.1Control elements6.1Number of keys6Mode selector switch1Supply voltage1Rated value (DC)24permissible range, lower limit (DC)19.permissible range, upper limit (DC)28.Reverse polarity protectionYesMains buffering5 nenergy time5 nenergy time5 nInput currentCurrentCurrent consumption (rated 0.8	

	4
Inrush current, max.	2.4 A; Rated value
11ax.	0.02 A ² ·s
Power	
	12 W
backplane bus	12 W
Power consumption	
from the backplane	6.7 W
ous (balanced)	
Power loss	
Power loss, typ.	7 W
Memory	
Number of slots for SIMATIC memory	1
card	
SIMATIC memory	
card required	Yes
Work memory	
integrated (for	
orogram)	1.5 Mbyte
 integrated (for 	5 Mbyte
data)	
Load memory	
Plug-in (SIMATIC	
Memory Card),	32 Gbyte
max.	
Backup	Maa
 maintenance-free CPU processing time 	
CPU processing tim	1000 III III III III III III III III III
for bit operations, typ.	10 ns
for word	
operations, typ.	12 ns
for fixed point	
	16 ns
antrimetic, typ.	
arithmetic, typ.	04
arithmetic, typ. for floating point arithmetic, typ.	64 ns
for floating point	64 ns
or floating point arithmetic, typ. CPU-blocks Number of	
for floating point arithmetic, typ. CPU-blocks Number of elements (total)	64 ns 8 000; Blocks (OB, FB, FC, DB) and UDTs
or floating point arithmetic, typ. CPU-blocks Number of	8 000; Blocks (OB, FB, FC, DB) and UDTs
for floating point arithmetic, typ. CPU-blocks Number of elements (total)	
for floating point arithmetic, typ. CPU-blocks Number of elements (total) DB	8 000; Blocks (OB, FB, FC, DB) and UDTs 1 60 999; subdivided into: number range that can be used by the user: 1 59 999, and number range of DBs created via SFC 86: 60
for floating point arithmetic, typ. CPU-blocks Number of elements (total) DB • Number range	8 000; Blocks (OB, FB, FC, DB) and UDTs 1 60 999; subdivided into: number range that can be used by the user: 1 59 999, and number range of DBs created via SFC 86: 60 000 60 999
for floating point arithmetic, typ. CPU-blocks Number of elements (total) DB • Number range • Size, max.	8 000; Blocks (OB, FB, FC, DB) and UDTs 1 60 999; subdivided into: number range that can be used by the user: 1 59 999, and number range of DBs created via SFC 86: 60 000 60 999
for floating point arithmetic, typ. CPU-blocks Number of elements (total) DB • Number range • Size, max. FB	8 000; Blocks (OB, FB, FC, DB) and UDTs 1 60 999; subdivided into: number range that can be used by the user: 1 59 999, and number range of DBs created via SFC 86: 60 000 60 999 5 Mbyte; For DBs with absolute addressing, the max. size is 64 KB
for floating point arithmetic, typ. CPU-blocks Number of elements (total) DB • Number range • Size, max. FB • Number range • Size, max. FC	8 000; Blocks (OB, FB, FC, DB) and UDTs 1 60 999; subdivided into: number range that can be used by the user: 1 59 999, and number range of DBs created via SFC 86: 60 000 60 999 5 Mbyte; For DBs with absolute addressing, the max. size is 64 KB 0 65 535 1 Mbyte
for floating point arithmetic, typ. CPU-blocks Number of elements (total) DB • Number range • Size, max. FB • Number range • Size, max.	8 000; Blocks (OB, FB, FC, DB) and UDTs 1 60 999; subdivided into: number range that can be used by the user: 1 59 999, and number range of DBs created via SFC 86: 60 000 60 999 5 Mbyte; For DBs with absolute addressing, the max. size is 64 KB 0 65 535
for floating point arithmetic, typ. CPU-blocks Number of elements (total) DB • Number range • Size, max. FB • Number range • Size, max. FC	8 000; Blocks (OB, FB, FC, DB) and UDTs 1 60 999; subdivided into: number range that can be used by the user: 1 59 999, and number range of DBs created via SFC 86: 60 000 60 999 5 Mbyte; For DBs with absolute addressing, the max. size is 64 KB 0 65 535 1 Mbyte
for floating point arithmetic, typ. CPU-blocks Number of elements (total) DB • Number range • Size, max. FB • Number range • Size, max. FC • Number range	8 000; Blocks (OB, FB, FC, DB) and UDTs 1 60 999; subdivided into: number range that can be used by the user: 1 59 999, and number range of DBs created via SFC 86: 60 000 60 999 5 Mbyte; For DBs with absolute addressing, the max. size is 64 KB 0 65 535 1 Mbyte 0 65 535
for floating point arithmetic, typ. CPU-blocks Number of elements (total) DB • Number range • Size, max. FB • Number range • Size, max. FC • Number range • Size, max. OB • Size, max.	8 000; Blocks (OB, FB, FC, DB) and UDTs 1 60 999; subdivided into: number range that can be used by the user: 1 59 999, and number range of DBs created via SFC 86: 60 000 60 999 5 Mbyte; For DBs with absolute addressing, the max. size is 64 KB 0 65 535 1 Mbyte 0 65 535
for floating point arithmetic, typ. CPU-blocks Number of elements (total) DB • Number range • Size, max. FB • Number range • Size, max. FC • Number range • Size, max. OB • Size, max. OB • Size, max.	8 000; Blocks (OB, FB, FC, DB) and UDTs 1 60 999; subdivided into: number range that can be used by the user: 1 59 999, and number range of DBs created via SFC 86: 60 000 60 999 5 Mbyte; For DBs with absolute addressing, the max. size is 64 KB 0 65 535 1 Mbyte 0 65 535 1 Mbyte 1 Mbyte
for floating point arithmetic, typ. CPU-blocks Number of 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	8 000; Blocks (OB, FB, FC, DB) and UDTs 1 60 999; subdivided into: number range that can be used by the user: 1 59 999, and number range of DBs created via SFC 86: 60 000 60 999 5 Mbyte; For DBs with absolute addressing, the max. size is 64 KB 0 65 535 1 Mbyte 0 65 535
for floating point arithmetic, typ. CPU-blocks Number of 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	8 000; Blocks (OB, FB, FC, DB) and UDTs 1 60 999; subdivided into: number range that can be used by the user: 1 59 999, and number range of DBs created via SFC 86: 60 000 60 999 5 Mbyte; For DBs with absolute addressing, the max. size is 64 KB 0 65 535 1 Mbyte 0 65 535 1 Mbyte 1 Mbyte
for floating point arithmetic, typ. CPU-blocks Number of 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	8 000; Blocks (OB, FB, FC, DB) and UDTs 1 60 999; subdivided into: number range that can be used by the user: 1 59 999, and number range of DBs created via SFC 86: 60 000 60 999 5 Mbyte; For DBs with absolute addressing, the max. size is 64 KB 0 65 535 1 Mbyte 0 65 535 1 Mbyte 1 Mbyte
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for floating point arithmetic, typ. CPU-blocks Number of elements (total) DB • Number range • Size, max. FB • Number range • Size, max. FC • Number range • Size, max. OB • Size, max. OB	 8 000; Blocks (OB, FB, FC, DB) and UDTs 1 60 999; subdivided into: number range that can be used by the user: 1 59 999, and number range of DBs created via SFC 86: 60 000 60 999 5 Mbyte; For DBs with absolute addressing, the max. size is 64 KB 0 65 535 1 Mbyte 0 65 535 1 Mbyte 1 Mbyte 20 20 20; With minimum OB 3x cycle of 250 μs
for floating point arithmetic, typ. CPU-blocks Number of 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 delay alarm OBs • Number of cyclic interrupt OBs	8 000; Blocks (OB, FB, FC, DB) and UDTs 1 60 999; subdivided into: number range that can be used by the user: 1 59 999, and number range of DBs created via SFC 86: 60 000 60 999 5 Mbyte; For DBs with absolute addressing, the max. size is 64 KB 0 65 535 1 Mbyte 0 65 535 1 Mbyte 1 Mbyte 20 20
for floating point arithmetic, typ. CPU-blocks Number of 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 delay alarm OBs • Number of cyclic interrupt OBs • Number of DPV1	8 000; Blocks (OB, FB, FC, DB) and UDTs 1 60 999; subdivided into: number range that can be used by the user: 1 59 999, and number range of DBs created via SFC 86: 60 000 60 999 5 Mbyte; For DBs with absolute addressing, the max. size is 64 KB 0 65 535 1 Mbyte 0 65 535 1 Mbyte 1 Mbyte 100 20 20 20 20; With minimum OB 3x cycle of 250 μs 50
for floating point arithmetic, typ. CPU-blocks Number of 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 delay alarm OBs • Number of DPV1 alarm OBs	 8 000; Blocks (OB, FB, FC, DB) and UDTs 1 60 999; subdivided into: number range that can be used by the user: 1 59 999, and number range of DBs created via SFC 86: 60 000 60 999 5 Mbyte; For DBs with absolute addressing, the max. size is 64 KB 0 65 535 1 Mbyte 0 65 535 1 Mbyte 1 Mbyte 20 20 20; With minimum OB 3x cycle of 250 μs
for floating point arithmetic, typ. CPU-blocks Number of elements (total) DB • Number range • Size, max. FB • Number range • Size, max. FC • Number range • Size, max. OB • Number of free cycle OBs • Number of time alarm OBs • Number of cyclic interrupt OBs • Number of DPV1 alarm OBs • Number of	8 000; Blocks (OB, FB, FC, DB) and UDTs 1 60 999; subdivided into: number range that can be used by the user: 1 59 999, and number range of DBs created via SFC 86: 60 000 60 999 5 Mbyte; For DBs with absolute addressing, the max. size is 64 KB 0 65 535 1 Mbyte 0 65 535 1 Mbyte 20 20 20; With minimum OB 3x cycle of 250 μs 50 3
for floating point arithmetic, typ. CPU-blocks Number of 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 delay alarm OBs • Number of DPV1 alarm OBs • Number of sochronous mode	8 000; Blocks (OB, FB, FC, DB) and UDTs 1 60 999; subdivided into: number range that can be used by the user: 1 59 999, and number range of DBs created via SFC 86: 60 000 60 999 5 Mbyte; For DBs with absolute addressing, the max. size is 64 KB 0 65 535 1 Mbyte 0 65 535 1 Mbyte 1 Mbyte 100 20 20 20 20; With minimum OB 3x cycle of 250 μs 50
for floating point arithmetic, typ. CPU-blocks Number of elements (total) DB Number range Size, max. FB Number range Size, max. FC Number range Size, max. OB Size, max. Size, ma	8 000; Blocks (OB, FB, FC, DB) and UDTs 1 60 999; subdivided into: number range that can be used by the user: 1 59 999, and number range of DBs created via SFC 86: 60 000 60 999 5 Mbyte; For DBs with absolute addressing, the max. size is 64 KB 0 65 535 1 Mbyte 0 65 535 1 Mbyte 20 20 20; With minimum OB 3x cycle of 250 μs 50 3
for floating point arithmetic, typ. CPU-blocks Number of 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. OB Size, max. Number of free cycle OBs Number of free cycle OBs Number of delay alarm OBs Number of delay alarm OBs Number of cyclic interrupt OBs Number of of DPV1 alarm OBs Number of process alarm OBs Number of process alarm OBs Number of process alarm OBs Number of sochronous mode OBs	8 000; Blocks (OB, FB, FC, DB) and UDTs 1 60 999; subdivided into: number range that can be used by the user: 1 59 999, and number range of DBs created via SFC 86: 60 000 60 999 5 Mbyte; For DBs with absolute addressing, the max. size is 64 KB 0 65 535 1 Mbyte 0 65 535 1 Mbyte 20 20 20; With minimum OB 3x cycle of 250 μs 50 3
for floating point arithmetic, typ. CPU-blocks Number of 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. 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 DPV1 alarm OBs Number of sochronous mode OBs Number of technology	8 000; Blocks (OB, FB, FC, DB) and UDTs 1 60 999; subdivided into: number range that can be used by the user: 1 59 999, and number range of DBs created via SFC 86: 60 000 60 999 5 Mbyte; For DBs with absolute addressing, the max. size is 64 KB 0 65 535 1 Mbyte 0 65 535 1 Mbyte 20 20 20; With minimum OB 3x cycle of 250 μs 50 3
for floating point arithmetic, typ. CPU-blocks Number of 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. OB Size, max. Number of free cycle OBs Number of free cycle OBs Number of delay alarm OBs Number of delay alarm OBs Number of cyclic interrupt OBs Number of of DPV1 alarm OBs Number of process alarm OBs Number of process alarm OBs Number of process alarm OBs Number of sochronous mode OBs	8 000; Blocks (OB, FB, FC, DB) and UDTs 1 60 999; subdivided into: number range that can be used by the user: 1 59 999, and number range of DBs created via SFC 86: 60 000 60 999 5 Mbyte; For DBs with absolute addressing, the max. size is 64 KB 0 65 535 1 Mbyte 0 65 535 1 Mbyte 20 20 20; With minimum OB 3x cycle of 250 μs 50 3
for floating point arithmetic, typ. CPU-blocks Number of 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. OB Size, max. Number of free cycle OBs Number of free cycle OBs Number of delay alarm OBs Number of pPV1 alarm OBs Number of sochronous mode OBs Number of technology synchronous alarm OBs	8 000; Blocks (OB, FB, FC, DB) and UDTs 1 60 999; subdivided into: number range that can be used by the user: 1 59 999, and number range of DBs created via SFC 86: 60 000 60 999 5 Mbyte; For DBs with absolute addressing, the max. size is 64 KB 0 65 535 1 Mbyte 0 65 535 1 Mbyte 100 20 20 20 3 3 2
for floating point arithmetic, typ. CPU-blocks Number of 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 free cycle OBs Number of time alarm OBs Number of delay alarm OBs Number of delay alarm OBs Number of delay alarm OBs Number of cyclic nterrupt OBs Number of DPV1 alarm OBs Number of process alarm OBs Number of sochronous mode OBs Number of technology synchronous alarm	8 000; Blocks (OB, FB, FC, DB) and UDTs 1 60 999; subdivided into: number range that can be used by the user: 1 59 999, and number range of DBs created via SFC 86: 60 000 60 999 5 Mbyte; For DBs with absolute addressing, the max. size is 64 KB 0 65 535 1 Mbyte 0 65 535 1 Mbyte 20 20 20; With minimum OB 3x cycle of 250 μs 50 3

Number of	
 Number of asynchronous error 	4
OBs	
 Number of 	
synchronous error	2
ÓBs	
 Number of 	
diagnostic alarm	1
OBs	
Nesting depth	1
	24; Up to 8 possible for F-blocks
Counters, timers an	
S7 counter	· · · ·
Number	2 048
Retentivity	
— adjustable	Yes
IEC counter	1.00
Number	Any (only limited by the main memory)
Retentivity	
— adjustable	Yes
S7 times	163
Number	2 048
	<u>4 070</u>
Retentivity	Mag
— adjustable	Yes
IEC timer	
Number	Any (only limited by the main memory)
Retentivity	h .
— adjustable	Yes
Data areas and thei	r retentivity
Retentive data area	
(incl. timers,	512 kbyte; In total; available retentive memory for bit memories, timera
counters, flags),	counters, DBs, and technology data (axes): 472 KB
max.	
Extended retentive	
Extended retentive data area (incl.	
timers, counters,	5 Mbyte; When using PS 6 0W 24/48/60 V DC HF
flags), max.	
Flag	
• Size, max.	16 kbyte
Number of clock	
memories	8; 8 clock memory bit, grouped into one clock memory byte
Data blocks	
	1
 Retentivity adjustable 	Yes
	No
 Retentivity preset 	INO
Local data	
 per priority class, 	r
2001	64 kbyte; max. 16 KB per block
max.	64 kbyte; max. 16 KB per block
Address area	64 kbyte; max. 16 KB per block
Address area Number of IO	
Address area Number of IO modules	64 kbyte; max. 16 KB per block 8 192; max. number of modules / submodules
Address area Number of IO modules I/O address area	8 192; max. number of modules / submodules
Address area Number of IO modules I/O address area • Inputs	8 192; max. number of modules / submodules 32 kbyte; All inputs are in the process image
Address area Number of IO modules I/O address area Inputs Outputs	8 192; max. number of modules / submodules 32 kbyte; All inputs are in the process image 32 kbyte; All outputs are in the process image
Address area Number of IO modules I/O address area Inputs Outputs per integrated IO su	8 192; max. number of modules / submodules 32 kbyte; All inputs are in the process image 32 kbyte; All outputs are in the process image bsystem
Address area Number of IO modules I/O address area Inputs Outputs	8 192; max. number of modules / submodules 32 kbyte; All inputs are in the process image 32 kbyte; All outputs are in the process image
Address area Number of IO modules I/O address area Inputs Outputs per integrated IO su	8 192; max. number of modules / submodules 32 kbyte; All inputs are in the process image 32 kbyte; All outputs are in the process image bsystem 8 kbyte
Address area Number of IO modules I/O address area Inputs Outputs per integrated IO su Inputs (volume)	8 192; max. number of modules / submodules 32 kbyte; All inputs are in the process image 32 kbyte; All outputs are in the process image bsystem
Address area Number of IO modules I/O address area Inputs Outputs per integrated IO su Inputs (volume) Outputs	8 192; max. number of modules / submodules 32 kbyte; All inputs are in the process image 32 kbyte; All outputs are in the process image bsystem 8 kbyte
Address area Number of IO modules I/O address area I/O address area Inputs Outputs per integrated IO su Inputs (volume) Outputs (volume) per CM/CP	8 192; max. number of modules / submodules 32 kbyte; All inputs are in the process image 32 kbyte; All outputs are in the process image bsystem 8 kbyte 8 kbyte
Address area Number of IO modules I/O address area Inputs Outputs per integrated IO su Inputs (volume) Outputs (volume) per CM/CP Inputs (volume)	8 192; max. number of modules / submodules 32 kbyte; All inputs are in the process image 32 kbyte; All outputs are in the process image bsystem 8 kbyte 8 kbyte 8 kbyte
Address area Number of IO modules I/O address area I/O address area Inputs Outputs Per integrated IO su Inputs (volume) Outputs (volume) per CM/CP Inputs (volume) Outputs	8 192; max. number of modules / submodules 32 kbyte; All inputs are in the process image 32 kbyte; All outputs are in the process image bsystem 8 kbyte 8 kbyte
Address area Number of IO modules I/O address area I/O address area Inputs Outputs Per integrated IO su Inputs (volume) Outputs (volume) Per CM/CP Inputs (volume) Outputs (volume)	8 192; max. number of modules / submodules 32 kbyte; All inputs are in the process image 32 kbyte; All outputs are in the process image bsystem 8 kbyte 8 kbyte 8 kbyte 8 kbyte
Address area Number of IO modules I/O address area I/O address area Inputs Outputs Per integrated IO su Inputs (volume) Outputs (volume) Per CM/CP Inputs (volume) Outputs (volume) Subprocess images	8 192; max. number of modules / submodules 32 kbyte; All inputs are in the process image 32 kbyte; All outputs are in the process image bsystem 8 kbyte 8 kbyte 8 kbyte 8 kbyte
Address area Number of IO modules I/O address area I/O address area Inputs Outputs Per integrated IO su Inputs (volume) Outputs (volume) Per CM/CP Inputs (volume) Outputs (volume) Subprocess images Number of	8 192; max. number of modules / submodules 32 kbyte; All inputs are in the process image 32 kbyte; All outputs are in the process image bsystem 8 kbyte 8 kbyte 8 kbyte 8 kbyte
Address area Number of IO modules I/O address area I/O address area Inputs Outputs Per integrated IO su Inputs (volume) Outputs (volume) Per CM/CP Inputs (volume) Outputs (volume) Subprocess images Number of subprocess	8 192; max. number of modules / submodules 32 kbyte; All inputs are in the process image 32 kbyte; All outputs are in the process image bsystem 8 kbyte 8 kbyte 8 kbyte 8 kbyte
Address area Number of IO modules I/O address area I/O address area Inputs Outputs Per integrated IO su Inputs (volume) Outputs (volume) Per CM/CP Inputs (volume) Outputs (volume) Subprocess images Number of subprocess images, max.	8 192; max. number of modules / submodules 32 kbyte; All inputs are in the process image 32 kbyte; All outputs are in the process image bsystem 8 kbyte 8 kbyte 8 kbyte 8 kbyte 32
Address area Number of IO modules I/O address area I/O address area Inputs Outputs Per integrated IO su Inputs (volume) Outputs (volume) Per CM/CP Inputs (volume) Outputs (volume) Subprocess images	8 192; max. number of modules / submodules 32 kbyte; All inputs are in the process image 32 kbyte; All outputs are in the process image bsystem 8 kbyte 8 kbyte 8 kbyte 32 kbyte 32 kbyte 32 kbyte
Address area Number of IO modules I/O address area I/O address area Inputs Outputs per integrated IO su Inputs (volume) Outputs (volume) Per CM/CP Inputs (volume) Outputs (volume) Subprocess images Number of subprocess images, max.	8 192; max. number of modules / submodules 32 kbyte; All inputs are in the process image 32 kbyte; All outputs are in the process image bsystem 8 kbyte 8 kbyte 8 kbyte 8 kbyte 32 tion 64; A distributed I/O system is characterized not only by the integratio
Address area Number of IO modules I/O address area Inputs Outputs per integrated IO su Inputs (volume) Outputs (volume) per CM/CP Inputs (volume) Outputs (volume) Subprocess images Number of subprocess images, max. Hardware configura	8 192; max. number of modules / submodules 32 kbyte; All inputs are in the process image 32 kbyte; All outputs are in the process image bsystem 8 kbyte 8 kbyte 8 kbyte 8 kbyte 32 10 64; A distributed I/O system is characterized not only by the integratio of distributed I/O via PROFINET or PROFIBUS communication
Address area Number of IO modules I/O address area I/O address area Outputs Outputs Per integrated IO su Inputs (volume) Outputs (volume) Per CM/CP Inputs (volume) Outputs (volume) Subprocess images Number of subprocess images, max. Hardware configura	8 192; max. number of modules / submodules 32 kbyte; All inputs are in the process image 32 kbyte; All outputs are in the process image 32 kbyte; All outputs are in the process image bsystem 8 kbyte 8 kbyte 8 kbyte 3 kbyte 6 kbyte 6 kbyte 6 kbyte 9 kbyte
Address area Number of IO modules I/O address area I/O address area Inputs Outputs per integrated IO su Inputs (volume) Outputs (volume) Per CM/CP Inputs (volume) Outputs (volume) Subprocess images Number of subprocess images, max. Hardware configura Number of distributed IO systems	8 192; max. number of modules / submodules 32 kbyte; All inputs are in the process image 32 kbyte; All outputs are in the process image 32 kbyte; All outputs are in the process image bsystem 8 kbyte 8 kbyte 8 kbyte 3 kbyte 6 kbyte 6 kbyte 6 kbyte 9 kbyte
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8; A maximum of 8 CMs/CPs (PROFIBUS, PROFINET, Ethernet) can be inserted in total
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2
8; A maximum of 8 CMs/CPs (PROFIBUS, PROFINET, Ethernet) can be inserted in total
·
32; CPU + 31 modules
1
the number of connectable PtP CMs is only limited by the number of available slots
·

Bintenerer	
Width	70 mm
Height	147 mm
Depth	129 mm
Weights	
Weight, approx.	845 g



