

Data sheet

CPU 515S/DPM (515-2AJ02)

Technical data

SPED7 technology	Order no.	515-2AJ02
SPEED7 technology 1MB work memory wetnested with properties and properties with memory wetnested with wetnested with wetnested with memory wetnested with wetnested with wet	Туре	CPU 515S/DPM
Features SPEED7 technology 1 MB work memory Memory extension (max. 2 MB) PROFIBUS-DP master Technical data power supply Power supply (rated value) DC 20.428.8 V Reverse polarity protection yes Current consumption (no-load operation) 250 mA Current consumption (rated value) 1 A Inrush current 5 A Pt 0.5 A Ps Max. current drain at backplane bus - Max. current drain load supply - Power loss 5 W Load and working memory Load memory, integrated 2 MB Load memory, integrated 1 MB Work memory, integrated 1 MB Work memory, integrated yes Memory card slot MMC-Card with max. 1 GB Hardware configuration Racks, max Modules per rack, max Number of integrated DP master via CP Operable communication modules LAN - Command processing times Bt instructions, min. 0.01 µs Word instruction, min. 0.01 µs Word instruction, min. 0.01 µs Double integer arithmetic, min.	General information	
1 MB work memory whenever supply PROFIBUS-DP master Technical data power supply (rated value) DC 24 V Power supply (rated value) DC 20 428.8 V Power supply (permitted range) DC 20 428.8 V Reverse polarity protection yes Current consumption (no-load operation) 250 mA Current consumption (rated value) 1 A Inrush current 5 A Pt 0.5 APs Max. current drain at backplane bus - Max. current drain load supply - Power loss 5 W Load and working memory Load memory, integrated 2 MB Work memory, integrated 1 MB Work memory, integrated 1 MB Work memory, maximum 2 MB Work memory, maximal 2 MB Memory divided in 50% program / 50% data yes Memory card slot MMC-Card with max. 1 GB Hardware configuration Racks, max Modules per rack, max Number of integrated DP master 1 Number of DP master via CP Operable function modules PtP - Operable communication modules LAN - Command processing times Bit instructions, min. 0.01 µs Work instructions, min. 0.01 µs Double integer arithmetic, min. 0.01 µs Double integer arithmetic, min. 0.01 µs	Note	-
Power supply (rated value) DC 24 V Power supply (permitted range) DC 20.428.8 V Reverse polarity protection yes Current consumption (no-load operation) 250 mA Current consumption (rated value) 1 A Insular current 5 A Ft 0.5 APs Max. current drain at backplane bus - Max. current drain load supply - Power loss 5 W Load and working memory Very Company of the compa	Features	1 MB work memory Memory extension (max. 2 MB)
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Reverse polarity protection yes Current consumption (no-load operation) 250 mA Current consumption (rated value) 1 A Inrush current 5 A Pt 0.5 APs Max. current drain at backplane bus - Max. current drain load supply - Power loss 5 W Load and working memory - Load amemory, integrated 2 MB Load memory, integrated 2 MB Work memory, integrated 1 MB Work memory, integrated 2 MB Memory divided in 50% program / 50% data yes Memory card slot MMC-Card with max. 1 GB Hardware configuration Racks, max. Racks, max. - Modules per rack, max. - Number of integrated DP master 1 Number of Integrated DP master 1 Number of DP master via CP - Operable function modules - Operable communication modules LAN - Command processing times Bit instructions, min. 0.01 µs	Power supply (rated value)	DC 24 V
Current consumption (no-load operation) 250 mA Current consumption (rated value) 1 A Inrush current 5 A Pt 0.5 A2s Max. current drain at backplane bus - Max. current drain load supply - Power loss 5 W Load and working memory - Load and working memory 2 MB Load memory, integrated 2 MB Work memory, maximum 2 MB Work memory, maximal 2 MB Work memory, maximal 2 MB Memory divided in 50% program / 50% data yes Memory card slot MMC-Card with max. 1 GB Hardware configuration Racks, max. Racks, max. - Modules per rack, max. - Number of integrated DP master 1 Number of DP master via CP - Operable function modules - Operable communication modules PtP - Operable communication modules LAN - Command processing times Bit instruction, min. 0.01 μs	Power supply (permitted range)	DC 20.428.8 V
Current consumption (rated value) 1 A Inrush current 5 A Pt 0.5 A²s Max. current drain at backplane bus - Max. current drain load supply - Power loss 5 W Load and working memory - Load memory, integrated 2 MB Load memory, maximum 2 MB Work memory, integrated 1 MB Work memory, maximal 2 MB Memory divided in 50% program / 50% data yes Memory card slot MMC-Card with max. 1 GB Hardware configuration Racks, max. Racks, max. - Modules per rack, max. - Number of integrated DP master 1 Number of Epraster via CP - Operable function modules - Operable communication modules PtP - Operable communication modules LAN - Command processing times Bit instructions, min. 0.01 μs Word instruction, min. 0.01 μs	Reverse polarity protection	yes
Inrush current 5 A Pt 0.5 A2s Max. current drain at backplane bus - Max. current drain load supply - Power loss 5 W Load and working memory Load memory, integrated 2 MB Load memory, integrated 1 MB Work memory, integrated 1 MB Work memory, maximal 2 MB Memory divided in 50% program / 50% data yes Memory card slot MMC-Card with max. 1 GB Hardware configuration Racks, max Modules per rack, max Number of integrated DP master 1 Number of DP master via CP - Operable function modules CAN - Command processing times Bit instructions, min. 0.01 µs Word instruction, min. 0.01 µs Worl instruction, min. 0.01 µs Double integer arithmetic, min. 0.01 µs	Current consumption (no-load operation)	250 mA
Max. current drain at backplane bus	Current consumption (rated value)	1 A
Max. current drain at backplane bus	Inrush current	5 A
Max. current drain load supply - Power loss 5 W Load and working memory Load memory, integrated 2 MB Load memory, maximum 2 MB Work memory, integrated 1 MB Work memory, maximal 2 MB Memory divided in 50% program / 50% data yes Memory card slot MMC-Card with max. 1 GB Hardware configuration Racks, max Modules per rack, max Number of integrated DP master 1 Number of DP master via CP Operable function modules Operable communication modules PtP Operable communication modules LAN Command processing times Bit instructions, min. 0.01 μs Double integer arithmetic, min. 0.01 μs	l ² t	0.5 A²s
Power loss 5 W Load and working memory Load memory, integrated 2 MB Load memory, maximum 2 MB Work memory, integrated 1 MB Work memory, maximal 2 MB Memory divided in 50% program / 50% data yes Memory card slot MMC-Card with max. 1 GB Hardware configuration Racks, max Modules per rack, max Number of integrated DP master 1 Number of DP master via CP - Operable function modules - Operable communication modules PtP - Operable communication modules LAN - Command processing times Bit instructions, min. 0.01 µs Word instruction, min. 0.01 µs Double integer arithmetic, min. 0.01 µs	Max. current drain at backplane bus	-
Load and working memory Load memory, integrated 2 MB Load memory, maximum 2 MB Work memory, integrated 1 MB Work memory, integrated 2 MB Work memory, maximal 2 MB Memory divided in 50% program / 50% data yes Memory card slot MMC-Card with max. 1 GB Hardware configuration Racks, max Modules per rack, max Number of integrated DP master 1 Number of DP master via CP - Operable function modules PtP - Operable communication modules LAN - Command processing times Bit instructions, min. 0.01 μs Double integer arithmetic, min. 0.01 μs	Max. current drain load supply	-
Load memory, integrated 2 MB Load memory, maximum 2 MB Work memory, integrated 1 MB Work memory, maximal 2 MB Memory divided in 50% program / 50% data yes Memory card slot MMC-Card with max. 1 GB Hardware configuration Racks, max Modules per rack, max Number of integrated DP master 1 Number of DP master via CP - Operable function modules PtP - Operable communication modules LAN - Command processing times Bit instructions, min. 0.01 µs Word instruction, min. 0.01 µs Double integer arithmetic, min. 0.01 µs	Power loss	5 W
Load memory, maximum 2 MB Work memory, integrated 1 MB Work memory, maximal 2 MB Memory divided in 50% program / 50% data yes Memory card slot MMC-Card with max. 1 GB Hardware configuration Racks, max. - Modules per rack, max. - Number of integrated DP master 1 Number of DP master via CP Operable function modules Operable communication modules PtP - Operable communication modules LAN - Command processing times Bit instructions, min. 0.01 µs Double integer arithmetic, min. 0.01 µs	Load and working memory	
Work memory, integrated 1 MB Work memory, maximal 2 MB Memory divided in 50% program / 50% data yes Memory card slot MMC-Card with max. 1 GB Hardware configuration Racks, max Modules per rack, max Number of integrated DP master 1 Number of DP master via CP - Operable function modules - Operable communication modules PtP - Operable communication modules LAN - Command processing times Bit instructions, min. 0.01 µs Word instruction, min. 0.01 µs Double integer arithmetic, min. 0.01 µs	Load memory, integrated	2 MB
Work memory, maximal 2 MB Memory divided in 50% program / 50% data yes Memory card slot MMC-Card with max. 1 GB Hardware configuration Racks, max Modules per rack, max Number of integrated DP master 1 Number of DP master via CP - Operable function modules Operable communication modules PtP - Operable communication modules LAN - Command processing times Bit instructions, min. 0.01 µs Word instruction, min. 0.01 µs Double integer arithmetic, min. 0.01 µs	Load memory, maximum	2 MB
Memory divided in 50% program / 50% data Memory card slot MMC-Card with max. 1 GB Hardware configuration Racks, max. - Modules per rack, max Number of integrated DP master 1 Number of DP master via CP - Operable function modules - Operable communication modules PtP - Operable communication modules LAN - Command processing times Bit instructions, min. 0.01 µs Word instruction, min. 0.01 µs Double integer arithmetic, min.	Work memory, integrated	1 MB
Memory card slot Hardware configuration Racks, max. Modules per rack, max. Number of integrated DP master 1 Number of DP master via CP Operable function modules Operable communication modules PtP Operable communication modules LAN - Command processing times Bit instructions, min. 0.01 µs Double integer arithmetic, min. MMC-Card with max. 1 GB MMC-Card with max. 1 GB MMC-Card with max. 1 GB MMC-Card with max. 1 GB MMC-Card with max. 1 GB MMC-Card with max. 1 GB MMC-Card with max. 1 GB	Work memory, maximal	2 MB
Hardware configuration Racks, max Modules per rack, max Number of integrated DP master 1 Number of DP master via CP Operable function modules Operable communication modules PtP Operable communication modules LAN Command processing times Bit instructions, min. 0.01 µs Word instruction, min. 0.01 µs Double integer arithmetic, min. 0.01 µs	Memory divided in 50% program / 50% data	yes
Racks, max. Modules per rack, max. Number of integrated DP master 1 Number of DP master via CP Operable function modules Operable communication modules PtP Operable communication modules LAN Command processing times Bit instructions, min. 0.01 µs Double integer arithmetic, min. 0.01 µs	Memory card slot	MMC-Card with max. 1 GB
Modules per rack, max. Number of integrated DP master Number of DP master via CP Operable function modules Operable communication modules PtP Operable communication modules LAN Command processing times Bit instructions, min. 0.01 µs Double integer arithmetic, min. 0.01 µs	Hardware configuration	
Number of integrated DP master 1 Number of DP master via CP - Operable function modules - Operable communication modules PtP - Operable communication modules LAN - Command processing times Bit instructions, min. 0.01 µs Word instruction, min. 0.01 µs Double integer arithmetic, min. 0.01 µs	Racks, max.	-
Number of DP master via CP Operable function modules Operable communication modules PtP Operable communication modules LAN Command processing times Bit instructions, min. 0.01 µs Word instruction, min. 0.01 µs Double integer arithmetic, min.	Modules per rack, max.	-
Operable function modules Operable communication modules PtP Operable communication modules LAN Command processing times Bit instructions, min. 0.01 µs Word instruction, min. 0.01 µs Double integer arithmetic, min. 0.01 µs	Number of integrated DP master	1
Operable communication modules PtP - Operable communication modules LAN - Command processing times Bit instructions, min. 0.01 µs Word instruction, min. 0.01 µs Double integer arithmetic, min. 0.01 µs	Number of DP master via CP	-
Command processing times Bit instructions, min. 0.01 μs Word instruction, min. 0.01 μs Double integer arithmetic, min. 0.01 μs	Operable function modules	-
Command processing times Bit instructions, min. 0.01 μs Word instruction, min. 0.01 μs Double integer arithmetic, min. 0.01 μs	Operable communication modules PtP	-
Bit instructions, min. 0.01 µs Word instruction, min. 0.01 µs Double integer arithmetic, min. 0.01 µs	Operable communication modules LAN	-
Word instruction, min. 0.01 μs Double integer arithmetic, min. 0.01 μs	Command processing times	
Double integer arithmetic, min. 0.01 µs	Bit instructions, min.	0.01 μs
	Word instruction, min.	0.01 μs
Floating-point arithmetic, min. 0.06 µs	Double integer arithmetic, min.	0.01 μs
	Floating-point arithmetic, min.	0.06 µs

Timers/Counters and their retentive characteristics

YASKAWA VIPA CONTROLS

Number of S7 counters	512
S7 counter remanence	adjustable 0 up to 512
S7 counter remanence adjustable	C0 C7
Number of S7 times	512
S7 times remanence	adjustable 0 up to 512
S7 times remanence adjustable	not retentive
Data range and retentive characteristic	
Number of flags	8192 Byte
Bit memories retentive characteristic adjustable	adjustable 0 up to 8192
Bit memories retentive characteristic preset	MB0 MB15
Number of data blocks	4095
Max. data blocks size	64 KB
Number range DBs	1 4095
Max. local data size per execution level	510 Byte
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Max. local data size per block	•
Blocks	
Number of OBs	24
Maximum OB size	64 KB
Total number DBs, FBs, FCs	-
Number of FBs	2048
Maximum FB size	64 KB
Number range FBs	0 2047
Number of FCs	2048
Maximum FC size	64 KB
Number range FCs	0 2047
Maximum nesting depth per priority class	8
Maximum nesting depth additional within an error OB	4
Time	
Real-time clock buffered	yes
Clock buffered period (min.)	6 W
Type of buffering	Vanadium Rechargeable Lithium Battery
Load time for 50% buffering period	20 h
Load time for 100% buffering period	48 h
Accuracy (max. deviation per day)	10 s
Number of operating hours counter	8
Clock synchronization	yes
Synchronization via MPI	Master/Slave
Synchronization via Ethernet (NTP)	no
Address areas (I/O)	
Input I/O address area	8192 Byte
Output I/O address area	8192 Byte
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Process image adjustable	yes 256 Puto
Input process image preset	256 Byte
Output process image preset	256 Byte
Input process image maximal	2048 Byte
Output process image maximal	2048 Byte

YASKAWA VIPA CONTROLS

Digital inputs	65536
Digital outputs	65536
Digital outputs Digital inputs central	-
Digital outputs central	
Integrated digital inputs	-
Integrated digital outputs	-
Analog inputs	4096
Analog outputs	4096
Analog inputs, central	-
Analog outputs, central	-
Integrated analog inputs	<u> </u>
Integrated analog outputs	·
Communication functions	
PG/OP channel	yes
Global data communication	yes
Number of GD circuits, max.	16
Size of GD packets, max.	54 Byte
S7 basic communication	yes
S7 basic communication, user data per job	76 Byte
S7 communication	yes
S7 communication as server	yes
S7 communication as client	
S7 communication, user data per job	160 Byte
Number of connections, max.	32
Functionality Sub-D interfaces	
Type	X2
	RS485
Type of interface	
Connector	Sub-D, 9-pin, female
Electrically isolated	yes
MPI	yes
MP²l (MPI/RS232)	-
DP master	*
DP slave	T
Point-to-point interface	-
5V DC Power supply	max. 90mA, isolated
24V DC Power supply	max. 100mA, non-isolated
Туре	Х3
Type of interface	RS485
Connector	Sub-D, 9-pin, female
Electrically isolated	yes
MPI	-
MP²I (MPI/RS232)	-
DP master	yes
DP slave	yes
Point-to-point interface	-
5V DC Power supply	max. 90mA, isolated



24V DC Power supply	max. 100mA, non-isolated
Functionality MPI	
Number of connections, max.	32
PG/OP channel	yes
Routing	yes
Global data communication	yes
S7 basic communication	yes
S7 communication	yes
S7 communication as server	yes
S7 communication as client	-
Transmission speed, min.	19.2 kbit/s
Transmission speed, max.	12 Mbit/s
Functionality PROFIBUS master	
PG/OP channel	yes
Routing	yes
S7 basic communication	yes
S7 communication	yes
S7 communication as server	yes
S7 communication as client	
Activation/deactivation of DP slaves	yes
Direct data exchange (slave-to-slave communication)	
DPV1	yes
Transmission speed, min.	9.6 kbit/s
Transmission speed, max.	12 Mbit/s
Number of DP slaves, max.	32
Address range inputs, max.	1 KB
Address range outputs, max.	1 KB
User data inputs per slave, max.	244 Byte
User data outputs per slave, max.	244 Byte
Functionality PROFIBUS slave	
PG/OP channel	yes
Routing	yes
S7 communication	yes
S7 communication as server	yes
S7 communication as client	-
Direct data exchange (slave-to-slave communication)	-
DPV1	yes
Transmission speed, min.	9.6 kbit/s
Transmission speed, max.	12 Mbit/s
Automatic detection of transmission speed	-
Transfer memory inputs, max.	244 Byte
Transfer memory outputs, max.	244 Byte
Address areas, max.	32
User data per address area, max.	32 Byte
Functionality RJ45 interfaces	
Туре	n/d

YASKAWA VIPA CONTROLS

Connector PCI bus Electrically isolated yes POI/OP channel yes Number of connections, max. 4 Productive connections - Fieldbus - Type - Type of interface - Connector - Electrically solated - PGIOP channel - Number of connections, max. - Piotocutive connections - Filedbus - Ethernet communication CP - Number of configurable connections, max. - Filedbus - Ethernet communication CP - Number of productive connections, max. - ST connections - ST connections - User data per ST connection, max. - ST connections - User data per ISO connection, max. - ST connections - User data per ISO connection, max. - UPP connections (RFC 1006) <t< th=""><th>Type of interface</th><th>Ethernet 10/100 MBit</th></t<>	Type of interface	Ethernet 10/100 MBit
PGIOP channel yes Number of connections, max. 4 Productive connections - Finitibus - Type of Indeface - Connector - Electrically isolated - PG/OP channel - Number of connections, max. - Productive connections - Filedbus - Ethernet communication CP - Number of configurable connections, max. - Policibus - Ethernet communication CP - Number of productive connections by Slemens NelPro, max. - For connections - User data per SP connection, max. - User data per SP connection, max. - User data per SP connection, max. - User data per ISO connection, max. - User data per ISO on TCP connection, max. - User data per UDP connection, max. - User data per UDP connection, max. - User data per UDP connection, max. -		PCI bus
Number of connections, max. 4 Productive connections - Fieldbus - Type - Type of interface - Connector - Electrically isolated - PG/OP channel - Number of connections, max. - Productive connections - Fieldbus - Ethernet communication CP - Number of productive connections, max. - Number of productive connections, max. - Number of productive connections, max. - S7 connections - User data per S7 connection, max. - 15O- connections - User data per TCP connection, max. - 15O- onnections (RFC 1008) - User data per ISO on TCP connection, max. - UDP-broancetions (RFC 1008) - User data per UDP connection, max. - UDP-broancetions (RFC 1008) - User data per UDP connection, max. - UDP-connections (RFC	Electrically isolated	yes
Productive connections - Fieldbus - Type of interface - Connector - Electrically isolated - PG/OP channel - Number of connections, max. - Preliabus - Ethernet communication CP - Number of configurable connections. max. - Number of productive connections by Sismens NelPro, max. - 37 connections - User data per S connection, max. - 102-connections - User data per TCP connection, max. - 103-connections - User data per ISO connection, max. - 103-connections - User data per ISO on TCP connection, max. - 104-connections (RFC 1006) - User data per ISO on TCP connection, max. - UDP-connections - UDP-broadcast-connections - UDP-broadcast-connections - Ethernet open communication - User data per ISO	PG/OP channel	yes
Fileibus Type - - - - - - - - -	Number of connections, max.	4
Type - Type of interface - Connector - Electrically isolated - PG/OP channel - Number of connections, max. - Productive connections - Fieldbus - Ethernet communication CP - Number of configurable connections, max. - Number of productive connections, max. - S7 connections - User data per S7 connection, max. - TCP-connections - User data per TCP connection, max. - User data per ISO connection, max. - User data per ISO connection, max. - USO on TCP connections (RFC 1006) - User data per ISO on TCP connections - UDP-connections - UDP-connections - UDP-connections - UDP-broadcast-connections - UDP-broadcast-connections, max. - UDP-connections (RFC 1006) - User data per ISO on TCP connection, ma	Productive connections	-
Type of interface - Connector - Electrically isolated - PG/OP channel - Number of connections, max. - Productive connections - Fieldbus - Ethernet communication CP - Number of configurable connections, max. - Number of productive connections by Siemens NetPro, max. - 7 connections - User data per S7 connection, max. - 1 CP-connections - User data per TCP connection, max. - 1 SO-connections - User data per ISO connections (RFC 1066) - User data per ISO on TCP connection, max. - UDP-connections - UDP-connections - UDP-multicast-connections - UDP-broadcast-connections - UDP-broadcast-connections (RFC 1066) - User data per UDP connections (RFC 1066) - User data per ISO on TCP connection, max. - User data per ISO on TCP connection, max.	Fieldbus	-
Type of interface - Connector - Electrically isolated - PG/OP channel - Number of connections, max. - Productive connections - Fieldbus - Ethernet communication CP - Number of configurable connections, max. - Number of productive connections by Siemens NetPro, max. - 7 connections - User data per S7 connection, max. - 1 CP-connections - User data per TCP connection, max. - 1 SO-connections - User data per ISO connections (RFC 1066) - User data per ISO on TCP connection, max. - UDP-connections - UDP-connections - UDP-multicast-connections - UDP-broadcast-connections - UDP-broadcast-connections (RFC 1066) - User data per UDP connections (RFC 1066) - User data per ISO on TCP connection, max. - User data per ISO on TCP connection, max.		
Type of interface - Connector - Electrically isolated - PG/OP channel - Number of connections, max. - Productive connections - Fieldbus - Ethernet communication CP - Number of configurable connections, max. - Number of productive connections by Siemens NetPro, max. - 7 connections - User data per S7 connection, max. - 1 CP-connections - User data per TCP connection, max. - 1 SO-connections - User data per ISO connections (RFC 1066) - User data per ISO on TCP connection, max. - UDP-connections - UDP-connections - UDP-multicast-connections - UDP-broadcast-connections - UDP-broadcast-connections (RFC 1066) - User data per UDP connections (RFC 1066) - User data per ISO on TCP connection, max. - User data per ISO on TCP connection, max.	Tyne	_
Connector - Electrically isolated - PG/OP channel - Number of connections, max. - Productive connections - Fieldbus - Ethernet communication CP Number of confligurable connections, max. - Number of productive connections by Siemens NelPro, max. - S7 connections - User data per S7 connection, max. - User data per S7 connection, max. - USO- onnections - User data per S7 connection, max. - USO on TCP connections (RFC 1006) - User data per ISO connection, max. - USO on TCP connections (RFC 1006) - User data per UDP connection, max. - UDP-multicast-connections - UDP-broadcast-connections - UDP-broadcast-connections - UDP-broadcast-connections, max. - USO on TCP connection, max. - USO on TCP connection, max. - User data per ISO on TCP connection, max.<		
Electrically isolated - PG/OP channel - Number of connections, max. - Productive connections - Fieldbus - Bethernet communication CP - Number of productive connections, max. - Number of productive connections by Siemens NetPro, max. - S7 connections - User data per S7 connection, max. - User data per S7 connection, max. - USer data per TCP connection, max. - USer data per TCP connection, max. - USer data per ISO connection, max. - USer data per ISO on TCP connection, max. - USP-connections - USP-connections, max. - USP data per ISO on TCP connection, max. - USP data		
PG/OP channel - Number of connections, max. - Productive connections - Fieldbus - Ethernet communication CP Number of configurable connections, max. - Number of productive connections by Siemens NetPro, max. - Variety data per S7 connections - User data per S7 connection, max. - USO-connections - User data per TCP connection, max. - USO on TCP connection, max. - USO on TCP connection, max. - USD-connections - User data per ISO on TCP connection, max. - UDP-connections - USD-broadcast-connections - UDP-broadcast-connections - UDP-broadcast-connections - USD on TCP connection, max. - USO on TCP connections, max. - USO on TCP connection, RFC 1006) - User data per ISO on TCP connection, max. - User data per albor TCP connection, max. - User data per		
Number of connections, max. - Productive connections - Fieldbus - Ethernet communication CP Number of configurable connections, max. - Number of productive connections by Siemens NetPro, max. - S7 connections - User data per S7 connection, max. - TCP-connections - User data per SO connection, max. - ISO-connections - User data per ISO connection, max. - USO on TCP connections (RFC 1006) - User data per ISO on TCP connection, max. - UDP-connections - User data per UDP connection, max. - UDP-multicast-connections - UDP-broadcast-connections - UDP-broadcast-connections - UDP-broadcast-connections (RFC 1006) - User data per ISO on TCP connection, max. - USO on TCP connections (RFC 1006) - User data per ISO on TCP connection, max. - User data per lad hoc TCP connection, max. - <t< td=""><td>·</td><td></td></t<>	·	
Productive connections Fieldbus Ethernet communication CP Number of configurable connections, max. Number of productive connections by Siemens NetPro. max. S7 connections User data per S7 connection, max. User data per TCP connection, max. ISO-connections User data per ISO connection, max. User data per ISO connection, max. UDP-connections USER data per ISO on TCP connection, max. UDP-connections USER data per USO on TCP connection, max. UDP-multicast-connections UDP-multicast-connections UDP-broadcast-connections UDP-broadcast-connections UDP-broadcast-connections Ethernet open communication Number of connections, max. ISO on TCP connections, max. USO on TCP connections (RFC 1006) User data per ISO on TCP connection, max. UDP-broadcast-connections UDP-broadcast-connections UDP-connections nax. ISO on TCP connections, max. ISO on TCP connections, max. USO on TCP connection, max. USO on TCP connections, max. USO on TCP connection, max. USO on TCP connections, max. USO on TCP connection, max. USO on TCP connections, max. USO on TCP connection, max. USO on TCP		
Fieldbus - Ethernet communication CP Number of configurable connections, max Number of productive connections by Siemens NetPro, max S7 connections - User data per S7 connection, max TCP-connections - User data per TCP connection, max User data per ISO connection, max ISO-connections - User data per ISO connection, max ISO on TCP connections (RFC 1006) - User data per ISO on TCP connection, max UDP-connections - USER data per ISO on TCP connection, max UDP-connections - USER data per ISO on TCP connection, max UDP-multicast-connections - UDP-multicast-connections - UDP-multicast-connections - UDP-broadcast-connections - UDP-broadcast-connections - UDP-connections - Ethernet open communication Number of connections, max USO on TCP connection, max USO on TCP connections (RFC 1006) - User data per ISO on TCP connection, max UDP-connections native - USER data per and to TCP connection, max USER data per usual connection, max USER data per UDP connection, max USER data per		
Ethernet communication CP Number of configurable connections, max Number of productive connections by Siemens NetPro, max S7 connections - User data per S7 connection, max ISO-connections - User data per ISO connection, max ISO-connections - User data per ISO connection, max ISO on TCP connections (RFC 1006) - User data per ISO on TCP connection, max UDP-connections - User data per UDP connection, max UDP-multicast-connections - UDP-broadcast-connections - UDP-broadcast-connections - UDP-broadcast-connections - UDP-connections - UDP-connections - UDP-connections - UDP-connections (RFC 1006) - User data per ISO on TCP connection, max UDP-connections - UDP-connections - UDP-connections - UDP-connections (RFC 1006) - User data per ISO on TCP connection, max USO on TCP connections (RFC 1006) - User data per ISO on TCP connection, max UDP-connections native - USer data per altor TCP connection, max UDP-connections USER Description, max UDP-connections USER Description, max UDP-connections USER Description, max USER De		-
Number of configurable connections, max. - Number of productive connections by Siemens NetPro, max. - S7 connections - User data per S7 connection, max. - User data per TCP connection, max. - User data per ISO connection, max. - User data per ISO connection, max. - USO on TCP connections (RFC 1006) - User data per ISO on TCP connection, max. - UDP-connections - User data per UDP connection, max. - UDP-multicast-connections - UDP-multicast-connections - UDP-broadcast-connections - UDP-broadcast-connections - UDP-broadcast-connections - UDP-connections, max. - USO on TCP connections, max. - USO on TCP connections (RFC 1006) - User data per ISO on TCP connection, max. - User data per native TCP connection, max. - USP-connections - User data per ad hoc TCP connection, max. - User data per UDP conn	1 IGIUDUS	-
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Housing Material - Mounting - Mechanical data		
Housing Material - Mounting - Mechanical data		
Material - Mounting - Mechanical data -		
Mounting - Mechanical data		
Mechanical data		-
	Mounting	-
Dimensions (WxHxD) 20 mm x 106 mm x 174 mm	Mechanical data	
	Dimensions (WxHxD)	20 mm x 106 mm x 174 mm



Net weight	280 g
Weight including accessories	-
Gross weight	-
Environmental conditions	
Operating temperature	0 °C to 60 °C
Storage temperature	-25 °C to 70 °C
Certifications	
UL certification	in preparation
KC certification	-