## **Data sheet**

SIPLUS S7-1200 CPU 1217C DC/DC/DC based on 6ES7217-1AG40-0XB0 with conformal coating -40...+70 °C . compact CPU, 2 PROFINET port onboard I/O: 10 DI 24 V DC; 4 DI RS-422/485; 6 DO 24 V DC; 0.5 A; 4 DO RS-422/485; 2 AI 0-10 V DC, 2 AO 0-20 mA power supply: DC 20.4-28.8V DC, program/data memory 150 KB 20.4-28.8V DC, program/data memory 150 KB



Figure similar

General information	
Product type designation	CPU 1217C DC/DC/DC
based on	6ES7217-1AG40-0XB0
Engineering with	
<ul> <li>Programming package</li> </ul>	STEP 7 V17 or higher
<ul> <li>STEP 7 TIA Portal configurable/integrated from version</li> </ul>	see entry ID: 109746275
Supply voltage	
Rated value (DC)	
• 24 V DC	Yes
permissible range, lower limit (DC)	20.4 V
permissible range, upper limit (DC)	28.8 V
Reverse polarity protection	Yes
Load voltage L+	
<ul> <li>Rated value (DC)</li> </ul>	24 V
<ul> <li>permissible range, lower limit (DC)</li> </ul>	20.4 V
<ul> <li>permissible range, upper limit (DC)</li> </ul>	28.8 V
Input current	
Current consumption (rated value)	600 mA; CPU only
Current consumption, max.	1 600 mA; CPU with all expansion modules
Inrush current, max.	12 A; at 28.8 V DC
l²t	0.5 A <sup>2</sup> ·s
Output current	
for backplane bus (5 V DC), max.	1 600 mA; Max. 5 V DC for SM and CM
Encoder supply	
24 V encoder supply	
• 24 V	L+ minus 4 V DC min.
Power loss	
Power loss, typ.	12 W
Memory	
Work memory	
• integrated	150 kbyte
Load memory	
• integrated	4 Mbyte
<ul> <li>Plug-in (SIMATIC Memory Card), max.</li> </ul>	with SIMATIC memory card
Backup	
• present	Yes
• maintenance-free	Yes
without battery	Yes
CPU processing times	

for hit appretions, him	0.00 vo / inchwickian
for bit operations, typ.	0.08 µs; / instruction
for word operations, typ.	1.7 μs; / instruction
for floating point arithmetic, typ.  CPU-blocks	2.3 μs; / Operation
Number of blocks (total)	DBs, FCs, FBs, counters and timers. The maximum number of addressable blocks ranges from 1 to 65535. There is no restriction, the entire working memory can be used
OB	
Number, max.	Limited only by RAM for code
Data areas and their retentivity	
Retentive data area (incl. timers, counters, flags), max.	14 kbyte
Flag	
• Size, max.	8 kbyte; Size of bit memory address area
Local data	
per priority class, max.	16 kbyte; Priority class 1 (program cycle): 16 KB, priority class 2 to 26: 6 KB
Address area	
Process image	
<ul> <li>Inputs, adjustable</li> </ul>	1 kbyte
Outputs, adjustable	1 kbyte
Hardware configuration	
Number of modules per system, max.	3 comm. modules, 1 signal board, 8 signal modules
Time of day	
Clock	
Hardware clock (real-time)	Yes
Backup time	480 h; Typical
Deviation per day, max.	±60 s/month at 25 °C
Digital inputs	
Number of digital inputs	14; Integrated
of which inputs usable for technological functions	6; HSC (High Speed Counting)
Source/sink input	Yes
Number of simultaneously controllable inputs	
all mounting positions	
— up to 40 °C, max.	14
Input voltage	2474
Rated value (DC)      The size of IIOII	24 V
• for signal "0"	5 V DC at 1 mA
• for signal "1"	15 V DC at 2.5 mA
Input delay (for rated value of input voltage)	
for standard inputs	0.2 mg 0.4 mg 0.9 mg 1.6 mg 2.2 mg 6.4 mg and 40.0 mg calcadable in
— parameterizable	0.2 ms, 0.4 ms, 0.8 ms, 1.6 ms, 3.2 ms, 6.4 ms and 12.8 ms, selectable in groups of four
— at "0" to "1", min.	0.2 ms
— at "0" to "1", max.	12.8 ms
for interrupt inputs	
— parameterizable	Yes
for technological functions	
— parameterizable	Single phase: 3 @ 100 kHz & 3 @ 30 kHz, differential: 3 @ 80 kHz & 3 @ 30
	kHz
Cable length	
• shielded, max.	500 m; 50 m for technological functions
• unshielded, max.	300 m; for technological functions: No
Digital outputs	
Number of digital outputs	10
of which high-speed outputs	4; 100 kHz Pulse Train Output
Limitation of inductive shutdown voltage to	L+ (-48 V)
Switching capacity of the outputs	
with resistive load, max.	0.5 A
on lamp load, max.	5 W
Output voltage	
• for signal "0", max.	0.1 V; with 10 kOhm load
• for signal "1", min.	20 V

Output current	
for signal "1" rated value	0.5 A
for signal "0" residual current, max.	0.1 mA
Output delay with resistive load	
● "0" to "1", max.	1 μs
• "1" to "0", max.	5 μs
Switching frequency	
<ul> <li>of the pulse outputs, with resistive load, max.</li> </ul>	100 kHz
Relay outputs	
<ul> <li>Number of relay outputs</li> </ul>	0
Cable length	
• shielded, max.	500 m
• unshielded, max.	150 m
Analog inputs	
Number of analog inputs	2
Input ranges	
Voltage	Yes
Input ranges (rated values), voltages	
• 0 to +10 V	Yes
— Input resistance (0 to 10 V)	≥100k ohms
Cable length	
shielded, max.	100 m; twisted and shielded
Analog outputs	, thiotox and onloads
	2
Number of analog outputs	£
Output ranges, current	V
• 0 to 20 mA	Yes
Analog value generation for the inputs	
Integration and conversion time/resolution per channel	
<ul> <li>Resolution with overrange (bit including sign), max.</li> </ul>	10 bit
<ul> <li>Integration time, parameterizable</li> </ul>	Yes
Conversion time (per channel)	625 μs
Analog value generation for the outputs	
Integration and conversion time/resolution per channel	
Resolution with overrange (bit including sign), max.	10 bit
Encoder	
Connectable encoders	
• 2-wire sensor	Yes
1. Interface	
Interface type	PROFINET
Isolated	Yes
automatic detection of transmission rate	Yes
Autonegotiation	Yes
Autocrossing	Yes
Interface types	
• RJ 45 (Ethernet)	Yes
Number of ports	2
integrated switch	Yes
Protocols	
PROFINET IO Controller	Yes
PROFINET IO Device     SIMATIC communication	Yes
SIMATIC communication     Open IF communication	Yes
Open IE communication     Web corres	Yes; Optionally also encrypted
Web server	Yes
Media redundancy	Yes
PROFINET IO Controller	
Transmission rate, max.	100 Mbit/s
Services	
— PG/OP communication	Yes; encryption with TLS V1.3 pre-selected
— Isochronous mode	No
— IRT	No

— PROFlenergy	No
— Prioritized startup	Yes
<ul> <li>Number of IO devices with prioritized startup, max.</li> </ul>	16
<ul> <li>Number of connectable IO Devices, max.</li> </ul>	16
<ul> <li>Number of connectable IO Devices for RT, max.</li> </ul>	16
— of which in line, max.	16
<ul> <li>Activation/deactivation of IO Devices</li> </ul>	Yes
<ul> <li>Number of IO Devices that can be simultaneously activated/deactivated, max.</li> </ul>	8
— Updating time	The minimum value of the update time also depends on the communication component set for PROFINET IO, on the number of IO devices and the quantity of configured user data.
PROFINET IO Device	
Services	
— PG/OP communication	Yes; encryption with TLS V1.3 pre-selected
— Isochronous mode	No
— IRT	No
— PROFlenergy	Yes
— Shared device	Yes
Number of IO Controllers with shared device, max.	2
Protocols	
Supports protocol for PROFINET IO	Yes
PROFIsafe	No
PROFIBUS	Yes; CM 1243-5 (master) or CM 1242-5 (slave) required
OPC UA	Yes; OPC UA Server
AS-Interface	Yes; CM 1243-2 required
Protocols (Ethernet)	1 - 0 - 0 - 1
• TCP/IP	Yes
• DHCP	No
• SNMP	Yes
• DCP	Yes
• LLDP	Yes
Redundancy mode	165
Neutridancy mode	
Media redundancy	
Media redundancy	Vac: as MDD redundancy manager and/or MDD client
— MRP	Yes; as MRP redundancy manager and/or MRP client
— MRP — MRPD	Yes; as MRP redundancy manager and/or MRP client No
— MRP  — MRPD  SIMATIC communication	No
— MRP — MRPD SIMATIC communication • S7 routing	
— MRP — MRPD SIMATIC communication	No Yes
— MRP  — MRPD  SIMATIC communication  • S7 routing  Open IE communication  • TCP/IP	Yes Yes
MRPD SIMATIC communication • S7 routing Open IE communication • TCP/IP Data length, max.	Yes Yes 8 kbyte
— MRP  — MRPD  SIMATIC communication  ● S7 routing  Open IE communication  ● TCP/IP  — Data length, max.  ● ISO-on-TCP (RFC1006)	Yes Yes 8 kbyte Yes
— MRP  — MRPD  SIMATIC communication  • S7 routing  Open IE communication  • TCP/IP  — Data length, max.  • ISO-on-TCP (RFC1006)  — Data length, max.	Yes Yes 8 kbyte Yes 8 kbyte
— MRP  — MRPD  SIMATIC communication  • S7 routing  Open IE communication  • TCP/IP  — Data length, max.  • ISO-on-TCP (RFC1006)  — Data length, max.  • UDP	Yes Yes 8 kbyte Yes 8 kbyte Yes
	Yes Yes 8 kbyte Yes 8 kbyte
	Yes  Yes  8 kbyte  Yes 8 kbyte  Yes 1 472 byte
	Yes  Yes 8 kbyte Yes 8 kbyte Yes 1 472 byte
	Yes  Yes  8 kbyte  Yes 8 kbyte  Yes 1 472 byte
	Yes  Yes  8 kbyte  Yes  8 kbyte  Yes  1 472 byte  Yes  Yes
— MRPD  SIMATIC communication  • S7 routing  Open IE communication  • TCP/IP  — Data length, max.  • ISO-on-TCP (RFC1006)  — Data length, max.  • UDP  — Data length, max.  Web server  • supported  • User-defined websites  OPC UA  • Runtime license required	Yes  Yes 8 kbyte Yes 8 kbyte Yes 1 472 byte  Yes Yes Yes Yes Yes
	Yes  Yes  8 kbyte  Yes  8 kbyte  Yes  1 472 byte  Yes  Yes  Yes  Yes  Yes  Yes  Yes  Y
— MRPD  SIMATIC communication  • S7 routing  Open IE communication  • TCP/IP  — Data length, max.  • ISO-on-TCP (RFC1006)  — Data length, max.  • UDP  — Data length, max.  Web server  • supported  • User-defined websites  OPC UA  • Runtime license required  • OPC UA Server  — Application authentication	Yes  Yes  8 kbyte  Yes  8 kbyte  Yes  1 472 byte  Yes  Yes  Yes; "Basic" license required  Yes; data access (read, write, subscribe), method call, runtime license required  Available security policies: None, Basic128Rsa15, Basic256Rsa15,  Basic256Sha256
	Yes  Yes  8 kbyte  Yes  8 kbyte  Yes  1 472 byte  Yes  Yes  Yes  Yes  Yes  Yes  Yes  Y
— MRPD  SIMATIC communication  • S7 routing  Open IE communication  • TCP/IP  — Data length, max.  • ISO-on-TCP (RFC1006)  — Data length, max.  • UDP  — Data length, max.  Web server  • supported  • User-defined websites  OPC UA  • Runtime license required  • OPC UA Server  — Application authentication	Yes  Yes  8 kbyte  Yes  8 kbyte  Yes  1 472 byte  Yes  Yes  Yes; "Basic" license required  Yes; data access (read, write, subscribe), method call, runtime license required  Available security policies: None, Basic128Rsa15, Basic256Rsa15,  Basic256Sha256
— MRPD  SIMATIC communication  • S7 routing  Open IE communication  • TCP/IP  — Data length, max.  • ISO-on-TCP (RFC1006)  — Data length, max.  • UDP  — Data length, max.  Web server  • supported  • User-defined websites  OPC UA  • Runtime license required  • OPC UA Server  — Application authentication  — User authentication	Yes  Yes  8 kbyte  Yes  8 kbyte  Yes  1 472 byte  Yes  Yes  Yes; "Basic" license required  Yes; data access (read, write, subscribe), method call, runtime license required  Available security policies: None, Basic128Rsa15, Basic256Rsa15,  Basic256Sha256  "anonymous" or by user name & password
	Yes  Yes  8 kbyte  Yes  8 kbyte  Yes  1 472 byte  Yes  Yes  Yes; "Basic" license required  Yes; data access (read, write, subscribe), method call, runtime license required  Available security policies: None, Basic128Rsa15, Basic256Rsa15,  Basic256Sha256  "anonymous" or by user name & password  10
— MRPD  SIMATIC communication  • S7 routing  Open IE communication  • TCP/IP  — Data length, max.  • ISO-on-TCP (RFC1006)  — Data length, max.  • UDP  — Data length, max.  Web server  • supported  • User-defined websites  OPC UA  • Runtime license required  • OPC UA Server  — Application authentication  — User authentication  — Number of sessions, max.  — Number of subscriptions per session, max.	Yes  Yes  8 kbyte  Yes  1 472 byte  Yes  Yes; "Basic" license required  Yes; data access (read, write, subscribe), method call, runtime license required  Available security policies: None, Basic128Rsa15, Basic256Rsa15,  Basic256Sha256  "anonymous" or by user name & password  10  5
— MRPD  SIMATIC communication  • S7 routing  Open IE communication  • TCP/IP  — Data length, max.  • ISO-on-TCP (RFC1006)  — Data length, max.  • UDP  — Data length, max.  Veb server  • supported  • User-defined websites  OPC UA  • Runtime license required  • OPC UA Server  — Application authentication  — User authentication  — Number of sessions, max.  — Number of subscriptions per session, max.  — Sampling interval, min.	Yes  Yes  8 kbyte  Yes  8 kbyte  Yes  1 472 byte  Yes  Yes  Yes  Yes  Yes  Yes  Yes  Y
— MRPD  SIMATIC communication  • S7 routing  Open IE communication  • TCP/IP  — Data length, max.  • ISO-on-TCP (RFC1006)  — Data length, max.  • UDP  — Data length, max.  Web server  • supported  • User-defined websites  OPC UA  • Runtime license required  • OPC UA Server  — Application authentication  — User authentication  — Number of sessions, max.  — Number of subscriptions per session, max.  — Sampling interval, min.  — Publishing interval, min.	Yes  Yes  8 kbyte  Yes  8 kbyte  Yes  1 472 byte  Yes  Yes  Yes  Yes  Yes  Yes  Yes  Y
— MRPD  SIMATIC communication  • S7 routing  Open IE communication  • TCP/IP  — Data length, max.  • ISO-on-TCP (RFC1006)  — Data length, max.  • UDP  — Data length, max.  Web server  • supported  • User-defined websites  OPC UA  • Runtime license required  • OPC UA Server  — Application authentication  — User authentication  — User authentication  — Number of sessions, max.  — Number of subscriptions per session, max.  — Sampling interval, min.  — Publishing interval, min.  — Number of server methods, max.	Yes  Yes 8 kbyte Yes 8 kbyte Yes 1 472 byte  Yes Yes Yes Yes  Yes; "Basic" license required Yes; data access (read, write, subscribe), method call, runtime license required Available security policies: None, Basic128Rsa15, Basic256Rsa15, Basic256Sha256 "anonymous" or by user name & password 10 5 100 ms 200 ms 200
	Yes  Yes 8 kbyte Yes 8 kbyte Yes 1 472 byte  Yes Yes Yes Yes  Yes; "Basic" license required Yes; data access (read, write, subscribe), method call, runtime license required Available security policies: None, Basic128Rsa15, Basic256Rsa15, Basic256Sha256 "anonymous" or by user name & password 10 5 100 ms 200 ms 20 1 000

max.	
Further protocols	
MODBUS	Yes
communication functions / header	
S7 communication	
• supported	Yes
• •	Yes
<ul><li>as server</li><li>as client</li></ul>	Yes
User data per job, max.  Number of connections	See online help (S7 communication, user data size)
overall	DC Connections: 4 recorded / 4 may: HMI Connections: 12 recorded / 19 may:
• overall	PG Connections: 4 reserved / 4 max; HMI Connections: 12 reserved / 18 max; S7 Connections: 8 reserved / 14 max; Open User Connections: 8 reserved / 14 max; Web Connections: 2 reserved / 30 max; OPC UA Connections: 0 reserved / 10 max; Total Connections: 34 reserved / 64 max
Test commissioning functions	
Status/control	
<ul> <li>Status/control variable</li> </ul>	Yes
Variables	Inputs/outputs, memory bits, DBs, distributed I/Os, timers, counters
Forcing	
<ul><li>Forcing</li></ul>	Yes
Diagnostic buffer	
• present	Yes
Traces	
Number of configurable Traces	2
Memory size per trace, max.	512 kbyte
Interrupts/diagnostics/status information	
Diagnostics indication LED	
RUN/STOP LED	Yes
• ERROR LED	Yes
• MAINT LED	Yes
Integrated Functions	
Counter	
Number of counters	6
Counting frequency, max.	1 MHz
Frequency measurement	Yes
controlled positioning	Yes
Number of position-controlled positioning axes, max.	8
Number of positioning axes via pulse-direction interface	4; With integrated outputs
PID controller	Yes
Number of alarm inputs	4
Number of pulse outputs	4
Limit frequency (pulse)	1 MHz
Potential separation	
Potential separation digital inputs	
<ul> <li>Potential separation digital inputs</li> </ul>	No
• between the channels, in groups of	1
Potential separation digital outputs	
<ul> <li>Potential separation digital outputs</li> </ul>	Yes
• between the channels	No
<ul> <li>between the channels, in groups of</li> </ul>	1
EMC	
Interference immunity against discharge of static electricity	
<ul> <li>Interference immunity against discharge of static electricity acc. to IEC 61000-4-2</li> </ul>	Yes
<ul> <li>Test voltage at air discharge</li> </ul>	8 kV
Test voltage at contact discharge	6 kV
Interference immunity to cable-borne interference	
• Interference immunity on supply lines acc. to IEC 61000-4-4	Yes
• Interference immunity on signal cables acc. to IEC 61000-4-4	Yes
Interference immunity against voltage surge	

<ul> <li>Interference immunity on supply lines acc. to IEC 61000- 4-5</li> </ul>	Yes	
Interference immunity against conducted variable disturbance induced by high-frequency fields		
Interference immunity against high-frequency radiation acc. to IEC 61000-4-6	Yes	
Emission of radio interference acc. to EN 55 011		
Limit class A, for use in industrial areas	Yes; Group 1	
• Limit class B, for use in residential areas	Yes; When appropriate measures are used to ensure compliance with the limits for Class B according to EN 55011	
Degree and class of protection		
IP degree of protection	IP20	
Standards, approvals, certificates		
CE mark	Yes	
Ambient conditions		
Free fall		
Fall height, max.	0.3 m; five times, in product package	
Ambient temperature during operation		
• min.	-40 °C; = Tmin; Startup @ -25 °C	
● max.	70 °C; = Tmax; Tmax > 55 °C number of simultaneously switched-on digital inputs 5, current sinking/current sourcing (no adjacent points) and 4 differential inputs with horizontal mounting position; Tmax > 55 °C number of simultaneously switched-on digital inputs 3, current sinking (no adjacent points) and 4 differential outputs with horizontal mounting position	
<ul> <li>horizontal installation, min.</li> </ul>	-40 °C; = Tmin; Startup @ -25 °C	
<ul> <li>horizontal installation, max.</li> </ul>	60 °C	
<ul> <li>vertical installation, min.</li> </ul>	-40 °C; = Tmin; Startup @ -25 °C	
vertical installation, max.	50 °C	
Ambient temperature during storage/transportation		
• min.	-40 °C	
• max.	70 °C	
Air pressure acc. to IEC 60068-2-13		
<ul> <li>Storage/transport, min.</li> </ul>	660 hPa	
Storage/transport, max.	1 080 hPa	
Altitude during operation relating to sea level		
<ul> <li>Installation altitude, min.</li> </ul>	-1 000 m	
<ul> <li>Installation altitude, max.</li> </ul>	5 000 m; Restrictions for installation altitudes > 2 000 m, see manual	
Ambient air temperature-barometric pressure-altitude	Tmin Tmax at 1 080 hPa 795 hPa (-1 000 m +2 000 m) // Tmin (Tmax - 10 K) at 795 hPa 658 hPa (+2 000 m +3 500 m) // Tmin (Tmax - 20 K) at 658 hPa 540 hPa (+3 500 m +5 000 m)	
Relative humidity		
• With condensation, tested in accordance with IEC 60068-2-38, max.	100 %; RH incl. condensation/frost (no commissioning under condensation conditions)	
Vibrations		
<ul> <li>Vibration resistance during operation acc. to IEC 60068- 2-6</li> </ul>	2 g (m/s²) wall mounting, 1 g (m/s²) DIN rail	
Operation, tested according to IEC 60068-2-6	Yes	
Shock testing		
• tested according to IEC 60068-2-27	Yes; IEC 68, Part 2-27 half-sine: strength of the shock 15 g (peak value), duration 11 ms	
Resistance		
Coolants and lubricants		
<ul> <li>Resistant to commercially available coolants and lubricants</li> </ul>	Yes; Incl. diesel and oil droplets in the air	
Use in stationary industrial systems		
<ul> <li>to biologically active substances according to EN 60721-3-3</li> </ul>	Yes; Class 3B2 mold, fungus and dry rot spores (with the exception of fauna); Class 3B3 on request	
<ul> <li>to chemically active substances according to EN 60721-3-3</li> </ul>	Yes; Class 3C4 (RH < 75%) incl. salt spray according to EN 60068-2-52 (degree of severity 3). The supplied connector covers must remain on the unused interfaces during operation!	
<ul> <li>to mechanically active substances according to EN 60721-3-3</li> </ul>	Yes; Class 3S4 incl. sand, dust. The supplied connector covers must remain on the unused interfaces during operation!	
Use on ships/at sea		
<ul> <li>to biologically active substances according to EN 60721-3-6</li> </ul>	Yes; Class 6B2 mold, fungal and dry rot spores (excluding fauna)	
<ul> <li>to chemically active substances according to EN 60721-3-6</li> </ul>	Yes; Class 6C3 (RH < 75 %) incl. salt spray acc. to EN 60068-2-52 (severity degree 3); $^{\star}$	

<ul> <li>to mechanically active substances according to EN 60721-3-6</li> </ul>	Yes; Class 6S3 incl. sand, dust; *
Usage in industrial process technology	
<ul> <li>Against chemically active substances acc. to EN 60654-4</li> </ul>	Yes; Class 3 (excluding trichlorethylene)
<ul> <li>Environmental conditions for process, measuring and control systems acc. to ANSI/ISA-71.04</li> </ul>	Yes; Level GX group A/B (excluding trichlorethylene; harmful gas concentrations up to the limits of EN 60721-3-3 class 3C4 permissible); level LC3 (salt spray) and level LB3 (oil)
Remark	
<ul> <li>Note regarding classification of environmental conditions acc. to EN 60721, EN 60654-4 and ANSI/ISA-71.04</li> </ul>	* The supplied plug covers must remain in place over the unused interfaces during operation!
Pollutant concentrations	
<ul> <li>SO2 at RH &lt; 60% without condensation</li> </ul>	S02: < 0.5 ppm; H2S: < 0.1 ppm; RH < 60% condensation-free
Conformal coating	
<ul> <li>Coatings for printed circuit board assemblies acc. to EN 61086</li> </ul>	Yes; Class 2 for high reliability
<ul> <li>Protection against fouling acc. to EN 60664-3</li> </ul>	Yes; Type 1 protection
<ul> <li>Military testing according to MIL-I-46058C, Amendment 7</li> </ul>	Yes; Discoloration of coating possible during service life
<ul> <li>Qualification and Performance of Electrical Insulating Compound for Printed Board Assemblies according to IPC- CC-830A</li> </ul>	Yes; Conformal coating, Class A
configuration / header	
configuration / programming / header	
Programming language	
— LAD	Yes
— FBD	Yes
— SCL	Yes
Know-how protection	
<ul> <li>User program protection/password protection</li> </ul>	Yes
Copy protection	Yes
Block protection	Yes
Access protection	
<ul> <li>protection of confidential configuration data</li> </ul>	Yes
<ul> <li>Protection level: Write protection</li> </ul>	Yes
<ul> <li>Protection level: Read/write protection</li> </ul>	Yes
<ul> <li>Protection level: Complete protection</li> </ul>	Yes
programming / cycle time monitoring / header	
programming / cycle time monitoring / header  • adjustable	Yes
programming / cycle time monitoring / header	Yes
programming / cycle time monitoring / header  • adjustable	Yes 150 mm
programming / cycle time monitoring / header • adjustable  Dimensions	
programming / cycle time monitoring / header	150 mm
programming / cycle time monitoring / header	150 mm 100 mm

last modified:

