## **SIEMENS**

Data sheet

## 6ES7217-1AG40-0XB0

SIMATIC S7-1200, CPU 1217C, COMPACT CPU, DC/DC/DC, 2 PROFINET PORT ONBOARD I/O: 10 DI 24V DC; 4 DI RS422/485; 6 DO 24V DC; 0,5A; 4 DO RS422/485; 2 AI 0- 10V DC, 2 AQ 0- 20MA; POWER SUPPLY: DC 20.4 - 28.8 V DC, PROGRAM/DATA MEMORY: 150 KB



General information	
Product type designation	CPU 1217C DC/DC/DC
Firmware version	V4.1
Engineering with	
<ul> <li>Programming package</li> </ul>	STEP 7 V13 SP1 or higher
Display	
with display	No
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
Load voltage L+	
• Rated value (DC)	24 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

minus 4 V DC min. W M D kbyte //byte h SIMATIC memory card
W .M D kbyte
M D kbyte //byte
M D kbyte //byte
D kbyte //byte
D kbyte //byte
/byte
/byte
/lbyte
•
•
h SIMATIC memory card
s; maintenance-free
S
85 μs; / Operation
μs; / Operation
μs; / Operation
s, FCs, FBs, counters and timers. The maximum number of
dressable blocks ranges from 1 to 65535. There is no
triction, the entire working memory can be used
aited only by DAM for code
nited only by RAM for code
kbyte
byte; Size of bit memory address area
kbyte; Priority class 1 (program cycle): 16 KB, priority class 2 26: 6 KB
24 byte
24 byte
byte

• Outputs,	adjustable
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1 kbyte

<ul> <li>Outputs, adjustable</li> </ul>	ТКруте
Hardware configuration	
Number of modules per system, max.	3 comm. modules, 1 signal board, 8 signal modules
Time of day	
Clock	
<ul> <li>Hardware clock (real-time clock)</li> </ul>	Yes
Backup time	480 h; Typical
• Deviation per day, max.	+/- 60 s/month at 25 °C
Digital inputs	
Number of digital inputs	14; Integrated
<ul> <li>of which inputs usable for technological functions</li> </ul>	6; HSC (High Speed Counting)
integrated channels (DI)	14; Of which, 10x 24 V DC and 4x RS 422/485 differential
m/p-reading	Yes
Number of simultaneously controllable inputs	
all mounting positions	
— up to 40 °C, max.	14
Input delay (for rated value of input voltage)	
for standard inputs	
— 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 counter/technological functions	
— parameterizable	Yes
Cable length	
<ul> <li>shielded, max.</li> </ul>	500 m; 50 m for technological functions
• unshielded, max.	300 m; For technological functions: No
Digital outputs	
Number of digital outputs	10
<ul> <li>of which high-speed outputs</li> </ul>	4; 100 kHz Pulse Train Output
integrated channels (DO)	10; of which, 6x 24 V DC and 4x 1.5 V differential
Output delay with resistive load	
● "0" to "1", max.	1 µs
• "1" to "0", max.	5 µs
Analog inputs	
Number of analog inputs	2
integrated channels (AI)	2; 0 to 10V

Input ranges	
• Voltage	Yes
Input ranges (rated values), voltages	
• 0 to +10 V	Yes
<ul> <li>Input resistance (0 to 10 V)</li> </ul>	≥100k ohms
Cable length	
<ul> <li>shielded, max.</li> </ul>	100 m; twisted and shielded
Analog outputs	
Number of analog outputs	2
integrated channels (AO)	2; 0 to 20 mA
Output ranges, current	Vec
• 0 to 20 mA	Yes
Analog value generation	
Integration and conversion time/resolution per channel	
<ul> <li>Resolution with overrange (bit including sign),</li> </ul>	10 bit
max.	
<ul> <li>Integration time, parameterizable</li> </ul>	Yes
<ul> <li>Conversion time (per channel)</li> </ul>	625 µs
Encoder	
Connectable encoders	
• 2-wire sensor	Yes
1. Interface	
Interface type	PROFINET
Physics	Ethernet
Isolated	Yes
automatic detection of transmission rate	Yes
Autonegotiation	Yes
Autocrossing	Yes
Functionality	
PROFINET IO Controller	Yes
<ul> <li>PROFINET IO Device</li> </ul>	
	Yes
Open IE communication	Yes
Open IE communication	Yes
<ul><li> Open IE communication</li><li> Web server</li></ul>	Yes
Open IE communication     Web server PROFINET IO Controller	Yes Yes
Open IE communication     Web server PROFINET IO Controller     Transmission rate, max.	Yes Yes
Open IE communication     Web server  PROFINET IO Controller      Transmission rate, max. Services	Yes Yes 100 Mbit/s
Open IE communication     Web server  PROFINET IO Controller      Transmission rate, max.  Services      — Number of connectable IO Devices, max.	Yes Yes 100 Mbit/s
Open IE communication     Web server  PROFINET IO Controller      Transmission rate, max.  Services      — Number of connectable IO Devices, max.  PROFINET IO Device	Yes Yes 100 Mbit/s

- Number of IO Controllers with shared device, max.

Protocols	
Supports protocol for PROFINET IO	Yes
PROFIBUS	Yes; CM 1243-5 required
AS-Interface	Yes
Protocols (Ethernet)	
• TCP/IP	Yes
Further protocols	
• MODBUS	Yes
Communication functions	
S7 communication	
<ul> <li>supported</li> </ul>	Yes
• as server	Yes
• as client	Yes
Open IE communication	
● TCP/IP	Yes
<ul> <li>ISO-on-TCP (RFC1006)</li> </ul>	Yes
• UDP	Yes
Web server	
• supported	Yes
<ul> <li>User-defined websites</li> </ul>	Yes
Number of connections	
• overall	16; dynamically
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	
Forcing	Yes
Diagnostic buffer	
● present	Yes
Traces	
<ul> <li>Number of configurable Traces</li> </ul>	2; Up to 512 KB of data per trace are possible
Integrated Functions	
Number of counters	6
Counting frequency (counter) max.	1 MHz
Frequency meter	Yes
controlled positioning	Yes
Number of position-controlled positioning axes, max.	8

Number of positioning axes via pulse-direction interface	4; With integrated DO
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
<ul> <li>between the channels, in groups of</li> </ul>	1
Potential separation digital outputs	
<ul> <li>between the channels</li> </ul>	No
<ul> <li>between the channels, in groups of</li> </ul>	1
EMC	
Interference immunity against discharge of static electri	city
<ul> <li>Interference immunity against discharge of static electricity acc. to IEC 61000-4-2</li> </ul>	Yes
— Test voltage at air discharge	8 kV
— Test voltage at contact discharge	6 kV
Interference immunity to cable-borne interference	
<ul> <li>Interference immunity on supply lines acc. to IEC 61000-4-4</li> </ul>	Yes
<ul> <li>Interference immunity on signal cables acc. to IEC 61000-4-4</li> </ul>	Yes
Interference immunity against voltage surge	
<ul> <li>on the supply lines acc. to IEC 61000-4-5</li> </ul>	Yes
Interference immunity against conducted variable distur	bance induced by high-frequency fields
<ul> <li>Interference immunity against high-frequency radiation acc. to IEC 61000-4-6</li> </ul>	Yes
Emission of radio interference acc. to EN 55 011	
<ul> <li>Limit class A, for use in industrial areas</li> </ul>	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	
Degree of protection acc. to EN 60529	
• IP20	Yes
Standards, approvals, certificates	
CE mark	Yes
UL approval	Yes
cULus	Yes
FM approval	Yes
RCM (formerly C-TICK)	Yes

<ul> <li>Marine approval</li> <li>Yes</li> <li>Ambient conditions</li> <li>Free fall</li> <li>Drop height, max. (in packaging)</li> <li>Amient temperature during operation</li> <li>min.</li> <li>amax.</li> <li>60 °C; Number of simultaneously activated inputs or outputs 7 or 5 (no adjacent points) at 60 °C horizontal or 50 °C vertical</li> <li>horizontal installation, min.</li> <li>-20 °C</li> <li>horizontal installation, max.</li> <li>60 °C; Number of simultaneously activated inputs or outputs 7 or 10 at 55 °C horizontal or 50 °C vertical</li> <li>horizontal installation, max.</li> <li>60 °C</li> <li>vertical installation, max.</li> <li>90 °C</li> <li>Ambient temperature during storage/transportation</li> <li>nin.</li> <li>40 °C</li> <li>max.</li> <li>70 °C</li> <li>Antiperature furgestorage/transportation</li> <li>operation, max.</li> <li>1080 hPa</li> <li>Storage/transport, max.</li> <li>1080 hPa</li> <li>Storage/transport, max.</li> <li>1080 hPa</li> <li>storage/transport, max.</li> <li>95 %</li> <li>°C</li> <li>Vibrations</li> <li>Storage/transport, max.</li> <li>Vibrations</li> <li>Storage/transport, max.</li> <li>Vibrations</li> <li>Storage/transport, max.</li> <li>95 %</li> <li>°C</li> <li>Vibrations</li> <li>Storage/transport, max.</li> <li>95 %</li> <li>°C</li> <li>Vibrations</li> <li>Storage/transport, tested according to IEC 60068-2-46</li> <li>Yes</li> <li>Shock test</li> <li>•Storage/transport, tested according to IEC 60068-2-46</li> <li>Yes</li> <li>Shock test</li> <li>•Storage/transport, tested according to IEC 60068-2-47</li> <li>Yes, IEC 68, Part 2-27 half-sine: strength of the shock 15 g (peak value), duration 11 ms</li> <li>Storage/transport, tested according to IEC 60068-2-46</li> <li>Yes</li> <li>Yes (Land ambient conditions</li> <li>Solo 2 (s 0.5 ppm; H2S; &lt; 0.1 ppm</li></ul>	Marine approval	
Free fall       0.3 m; five times, in dispatch package         Ambient temperature during operation       0.3 m; five times, in dispatch package         • min.       -20 °C         • max.       60 °C; Number of simultaneously activated inputs or outputs 7 or 5 (no adjacent points) at 60 °C horizontal or 50 °C vertical, 14 or 10 at 5° °C horizontal or 50 °C vertical         • horizontal installation, min.       -20 °C         • horizontal installation, max.       60 °C         • vertical installation, max.       60 °C         • vertical installation, max.       50 °C         • vertical installation, max.       50 °C         • vertical installation, max.       50 °C         • An "C       ************************************	Marine approval	Yes
Free fall       0.3 m; five times, in dispatch package         Ambient temperature during operation       0.3 m; five times, in dispatch package         • min.       -20 °C         • max.       60 °C; Number of simultaneously activated inputs or outputs 7 or 5 (no adjacent points) at 60 °C horizontal or 50 °C vertical, 14 or 10 at 5° °C horizontal or 50 °C vertical         • horizontal installation, min.       -20 °C         • horizontal installation, max.       60 °C         • vertical installation, max.       60 °C         • vertical installation, max.       50 °C         • vertical installation, max.       50 °C         • vertical installation, max.       50 °C         • An "C       ************************************	Ambient conditions	
● Drop height, max. (in packaging)     0.3 m; five times, in dispatch package       Ambient temperature during operation     -20 °C       • max.     60 °C; Number of simultaneously activated inputs or outputs 7 or 5 (no adjacent points) at 60 °C horizontal or 50 °C vertical, 14 or 10 at 55 °C horizontal or 50 °C vertical, 14 or 10 at 55 °C horizontal or 50 °C vertical       • horizontal installation, min.     -20 °C       • horizontal installation, max.     60 °C       • vertical installation, max.     60 °C       • vertical installation, max.     50 °C       • vertical installation, max.     70 °C       • min.     -20 °C       • min.     -20 °C       • min.     -20 °C       • or C     70 °C       Ambient temperature during storage/transportation     -20 °C       • min.     -20 °C       • or C     70 °C       Amperature during storage/transport.     60 °C       • Operation, min.     1080 hPa       • Storage/transport, max.     1080 hPa       • Storage/transport, max.     1080 hPa       • Storage/transport, max.     1080 hPa       • permissible parating height     -1000 to 2000 m       Relative humidity     -       • Verticals     2G wall mounting, 1G DIN rail       • Vibrations     2G wall mounting, 1G DIN rail       • Vibrations     So: < 0.5 pm; H2S: <		
Ambient temperature during operation         -20 °C           • mix.         60 °C; Number of simultaneously activated inputs or outputs 7 or 5 or 0 adjacent points) at 60 °C horizontal or 50 °C vertical, 14 or 10 at 55 °C horizontal or 45 °C vertical           • horizontal installation, min.         -20 °C           • horizontal installation, max.         60 °C           • vertical installation, max.         60 °C           • vertical installation, max.         50 °C           • operation, min.         -40 °C           • operation, min.         -40 °C           • Operation, min.         1080 hPa           • Storage/transport, max.         1080 hPa           • Storage/transport, max.         1080 hPa           • storage/transport, max.         1080 hPa           • permissible operating height         1000 to 2000 m           • Petation Projection (Pacebox Projection) at 25 °C         95 %           °C         Vibrations         2G wall mounting, 1G DIN rail           • Operation, lested according to IEC 60068-2-27         <		0.3 m; five times, in dispatch package
• min.     -20 °C       • max.     60 °C; Number of simultaneously activated inputs or outputs 7 or 5 (no adjacent points) at 60 °C horizontal or 55 °C vertical       • horizontal installation, min.     -20 °C       • horizontal installation, max.     60 °C;       • vertical installation, max.     60 °C       • vertical installation, max.     70 °C       Ambient temperature during storage/transportation     •       • min.     -40 °C       • max.     70 °C       Ari pressure acc. to IEC 60068-2-13     •       • Operation, max.     1080 hPa       • Operation, max.     1080 hPa       • Storage/transport, max.     1080 hPa       • Vibrations     2G wall mounting, 1G DIN rail       • Operation, tested according to IEC 60068-2-27     Yes <td></td> <td>, , , , , , , , , , , , , , , , , , ,</td>		, , , , , , , , , , , , , , , , , , ,
• max.60 °C, Number of simultaneously activated inputs or outputs 7 or (no adjacent points) at 60 °C horizontal or 50 °C vertical. 14 or (no adjacent points) at 60 °C horizontal or 50 °C vertical.• horizontal installation, min20 °C• vertical installation, max.60 °C		-20 °C
Induction of the set of the	• max.	5 (no adjacent points) at 60 °C horizontal or 50 °C vertical, 14 or
Network-20 °C• vertical installation, min.50 °CAmbient temperature during storage/transportation-40 °C• min40 °C• max.70 °CArr pressure acc. to IEC 60068-2-13	<ul> <li>horizontal installation, min.</li> </ul>	-20 °C
Eventical installation, max.50 °CAmbient temperature during storage/transportation40 °C• min40 °C• max.70 °CAir pressure acc. to IEC 60068-2-13	<ul> <li>horizontal installation, max.</li> </ul>	60 °C
Ambient temperature during storage/transportation       • min.     -40 °C       • max.     70 °C       Air pressure acc. to EC 60068-2-13     795 hPa       • Operation, min.     1080 hPa       • Operation, max.     660 hPa       • Storage/transport, min.     660 hPa       • Storage/transport, max.     1080 hPa       • Storage/transport, max. <td>• vertical installation, min.</td> <td>-20 °C</td>	• vertical installation, min.	-20 °C
• min40 °C• max.70 °CAir pressure acc. to EC 60068-2-13795 hPa• Operation, min.795 hPa• Operation, max.1080 hPa• Storage/transport, min.660 hPa• Storage/transport, max.1080 hPa• Storage/transport, max.1080 hPa• permissible operating height-1000 to 2000 mRelative humidity95 %• permissible range (without condensation) at 25 °C95 %• Vibrations2G wall mounting, 1G DIN rail• Operation, tested according to IEC 60068-2-6YesShock testYes; IEC 68, Part 2-27 half-sine: strength of the shock 15 g (peak value), duration 11 msExtended ambient conditionsPollutant concentrationsSo2 at RH < 60% without condensation	• vertical installation, max.	50 °C
max.         70 °C           Air pressure acc. to IEC 60088-2-13         795 hPa           • Operation, min.         795 hPa           • Operation, max.         1080 hPa           • Storage/transport, max.         606 hPa           • Storage/transport, max.         1080 hPa           • permissible operating height         1080 to 2000 m           Relative humidity         1000 to 2000 m           • permissible range (without condensation) at 25 °C         55 %           • Operation, tested according to IEC 60068-2-60         56 %           • Operation, tested according to IEC 60068-2-27         Se (Saul mounting, 1G DIN rail           • Operation, 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           Extended ambient conditions         So2: < 0.5 ppm; H2S: < 0.1 ppm; RH < 60% condensation - free	Ambient temperature during storage/transportation	
Air resurce acc. to IEC 60068-2-13           • Operation, min.         795 hPa           • Operation, max.         1080 hPa           • Storage/transport, min.         660 hPa           • Storage/transport, max.         1080 hPa           • permissible operating height         -1000 to 2000 m           Relative humidity         -1000 to 2000 m           • permissible range (without condensation) at 25 °C         95 %           • C         2G wall mounting, 1G DIN rail           • Operation, tested according to IEC 60068-2-6         Yes           • Storage/transport, max         2G wall mounting, 1G DIN rail           • Operation, tested according to IEC 60068-2-6         Yes           • Stock test         -           • 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           Extended ambient conditions         -           Follutant concentrations         -           - SO2 at RH < 60% without condensation	• min.	-40 °C
• Operation, min.         795 hPa           • Operation, max.         1080 hPa           • Storage/transport, min.         660 hPa           • Storage/transport, max.         1080 hPa           • permissible operating height         -1000 to 2000 m           Relative humidity         -1000 to 2000 m           • permissible range (without condensation) at 25 °C         95 %           • operation, tested according to IEC 60068-2-63         Yes           • Vibrations         2G wall mounting, 1G DIN rail           • Operation, tested according to IEC 60068-2-64         Yes           Shock test         -           • 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           Extended ambient conditions         -           Follutant concentrations         So2: < 0.5 ppm; H2S: < 0.1 ppm; RH < 60% condensation-free	• max.	70 °C
Operation, max.1080 hPa• Operation, max.660 hPa• Storage/transport, min.660 hPa• Storage/transport, max.1080 hPa• permissible operating height1000 to 2000 mRelative humidity1000 to 2000 mRelative humidity95 %• C95 %• CVibrations• Vibrations2G wall mounting, 1G DIN rail• Operation, tested according to IEC 60068-2-6YesShock testYes• tested according to IEC 60068-2-27Yes; IEC 68, Part 2-27 half-sine: strength of the shock 15 g (peak value), duration 11 msExtended ambient conditionsS02: < 0.5 ppm; H2S: < 0.1 ppm; RH < 60% condensation-free	Air pressure acc. to IEC 60068-2-13	
Storage/transport, max.660 hPa• Storage/transport, max.1 080 hPa• permissible operating height-1000 to 2000 mRelative humidity-• permissible range (without condensation) at 25 °C95 %°C°CVibrations2G wall mounting, 1G DIN rail• Vibrations2G wall mounting, 1G DIN rail• VibrationsYes• tested according to IEC 60068-2-6YesShock testYesPollutant concentrations502: < 0.5 ppm; H2S: < 0.1 ppm; RH < 60% condensation-free	• Operation, min.	795 hPa
Coordigate analysis of, max.1080 hPa• permissible operating height-1000 to 2000 mRelative humidity95 %• permissible range (without condensation) at 25 °C95 %• Vibrations2G wall mounting, 1G DIN rail• Vibrations2G wall mounting, 1G DIN rail• Operation, tested according to IEC 60068-2-6YesShock testYes; IEC 68, Part 2-27 half-sine: strength of the shock 15 g (peak value), duration 11 msExtended ambient conditionsS02: < 0.5 ppm; H2S: < 0.1 ppm; RH < 60% condensation-free	• Operation, max.	1 080 hPa
• permissible operating height       -1000 to 2000 m         Relative humidity       95 %         • permissible range (without condensation) at 25 °C       95 %         Vibrations       2G wall mounting, 1G DIN rail         • Operation, tested according to IEC 60068-2-6       Yes         Shock test       Yes; IEC 68, Part 2-27 half-sine: strength of the shock 15 g (peak value), duration 11 ms         Extended ambient conditions       S02: < 0.5 ppm; H2S: < 0.1 ppm; RH < 60% condensation-free	<ul> <li>Storage/transport, min.</li> </ul>	660 hPa
Relative humidity       95 %         °C       95 %         Vibrations       95 %         • Vibrations       2G wall mounting, 1G DIN rail         • Operation, tested according to IEC 60068-2-6       Yes         Shock test       Yes; IEC 68, Part 2-27 half-sine: strength of the shock 15 g (peak value), duration 11 ms         Extended ambient conditions       Yes; IEC 68, Part 2-27 half-sine: strength of the shock 15 g (peak value), duration 11 ms         Extended ambient conditions       So2: < 0.5 ppm; H2S: < 0.1 ppm; RH < 60% condensation-free	<ul> <li>Storage/transport, max.</li> </ul>	1 080 hPa
• permissible range (without condensation) at 25 °C95 %• Vibrations2G wall mounting, 1G DIN rail• Vibrations2G wall mounting, 1G DIN rail• Operation, tested according to IEC 60068-2-6YesShock testYes; IEC 68, Part 2-27 half-sine: strength of the shock 15 g (peak value), duration 11 ms• tested according to IEC 60068-2-27Yes; IEC 68, Part 2-27 half-sine: strength of the shock 15 g (peak value), duration 11 msExtended ambient conditionsS02: < 0.5 ppm; H2S: < 0.1 ppm; RH < 60% condensation-free	<ul> <li>permissible operating height</li> </ul>	-1000 to 2000 m
°C       Vibrations       2G wall mounting, 1G DIN rail         • Vibrations       2G wall mounting, 1G DIN rail         • Operation, tested according to IEC 60068-2-6       Yes         Shock test       Yes; IEC 68, Part 2-27 half-sine: strength of the shock 15 g (peak value), duration 11 ms         Extended ambient conditions       Yes; IEC 68, Part 2-27 half-sine: strength of the shock 15 g (peak value), duration 11 ms         Extended ambient conditions       S02: < 0.5 ppm; H2S: < 0.1 ppm; RH < 60% condensation-free	Relative humidity	
• Vibrations2G wall mounting, 1G DIN rail• Operation, tested according to IEC 60068-2-60YesShock testYes; IEC 68, Part 2-27 half-sine: strength of the shock 15 g (peak value), duration 11 ms• tested according to IEC 60068-2-27Yes; IEC 68, Part 2-27 half-sine: strength of the shock 15 g (peak value), duration 11 msExtended ambient conditionsYes; IEC 68, Part 2-27 half-sine: strength of the shock 15 g (peak value), duration 11 msPollutant concentrationsS02: < 0.5 ppm; H2S: < 0.1 ppm; RH < 60% condensation-free		95 %
• Operation, tested according to IEC 60068-2-6YesShock test• tested according to IEC 60068-2-27Yes; IEC 68, Part 2-27 half-sine: strength of the shock 15 g (peak value), duration 11 msExtended ambient conditionsExtended ambient conditionsPollutant concentrations— SO2 at RH < 60% without condensation	Vibrations	
Shock test         • 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         Extended ambient conditions       Ves; IEC 68, Part 2-27 half-sine: strength of the shock 15 g (peak value), duration 11 ms         Pollutant concentrations       S02: < 0.5 ppm; H2S: < 0.1 ppm; RH < 60% condensation-free	Vibrations	2G wall mounting, 1G DIN rail
• tested according to IEC 60068-2-27Yes; IEC 68, Part 2-27 half-sine: strength of the shock 15 g (peak value), duration 11 msExtended ambient conditionsPollutant concentrations— SO2 at RH < 60% without condensationS02: < 0.5 ppm; H2S: < 0.1 ppm; RH < 60% condensation-freeConfigurationS02: < 0.5 ppm; H2S: < 0.1 ppm; RH < 60% condensation-freeProgrammingProgramming language— LADYes— FBDYes— SCLYes	<ul> <li>Operation, tested according to IEC 60068-2-6</li> </ul>	Yes
value), duration 11 ms       Extended ambient conditions       Pollutant concentrations       - SO2 at RH < 60% without condensation	Shock test	
Pollutant concentrations         SO2 at RH < 60% without condensation	• tested according to IEC 60068-2-27	
- SO2 at RH < 60% without condensationS02: < 0.5 ppm; H2S: < 0.1 ppm; RH < 60% condensation-freeConfigurationProgrammingProgramming language- LADYes- FBDYes- SCLYes	Extended ambient conditions	
Configuration       Programming       Programming language       - LAD     Yes       - FBD     Yes       - SCL     Yes	Pollutant concentrations	
Programming         Programming language         - LAD       Yes         - FBD       Yes         - SCL       Yes	— SO2 at RH < 60% without condensation	S02: < 0.5 ppm; H2S: < 0.1 ppm; RH < 60% condensation-free
Programming language       - LAD     Yes       - FBD     Yes       - SCL     Yes	Configuration	
- LAD     Yes       - FBD     Yes       - SCL     Yes	Programming	
<ul> <li>FBD</li> <li>SCL</li> <li>Yes</li> </ul>	Programming language	
- SCL Yes	— LAD	Yes
	— FBD	Yes
Cycle time monitoring	— SCL	Yes
	Cycle time monitoring	

• adjustable	Yes
Dimensions	
Width	150 mm
Height	100 mm
Depth	75 mm
Weights	
Weight, approx.	500 g

last modified:

08.01.2016