

Control Cabinet PC

PC 400



The PC 400 is a control cabinet PC with an Intel Celeron G1820 processor that is completely PC-compatible and operates with a standard PC BIOS.

Using the HMI-Link Expansion, HMI-Link terminals can be connected to the PC 400. This allows USB and display signals to be transmitted up to 100 m.

Performance Data

Processor	Intel Celeron G1820
Hard drive	32-Gbyte Solid State Disk
Main memory (DDR-RAM)	4-Gbyte DDR3 RAM (SODIMM)
Graphics	Intel HD Graphics
Interfaces	2x Ethernet 10/100/1000 Mbit 6x USB 2.0 2x USB 3.0 1x RS232 1x Audio (Line In, Line Out, microphone) 1x PS/2 Mouse 1x PS/2 Keyboard 1x DVI interface 1x Displayport 1x HMI-Link (maximum length: 100 m)
Real-time clock	yes

Electrical Requirements

Supply voltage	+18-30 V DC (Class 2 or SELV and Limited Energy) (connection: 4-pin Phoenix)
IDLE consumption without HMI-Link	30 W
IDLE consumption with HMI-Link	32 W
Max. consumption with HMI-Link	50 W
Start current	2.5 A peak – 15 ms

Mechanical Dimensions

PC 400	80 x 223,7 x 193 mm (W x H x D)
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Article Number and Miscellaneous

Article number	01-310-411
Hardware version	2.x
Software version	1.x
Standard	UL 61010-1, UL 61010-2-201 (E247993)

Environmental Conditions

Storage temperature	-20 ... +60 °C
Operating temperature	0 ... +50 °C
Humidity	10-90 %, non-condensing
EMC tolerance	EN 61000-6-2 (industrial area): EMV resistance EN 61000-6-4: noise emission
Vibration tolerance	EN 60068-2-6 2-9 Hz: amplitude 3.5 mm 9-200 Hz: 1 g (10 m/s²)
Shock resistance	EN 60068-2-27 15 g (150 m/s²), duration 11 ms, 18 Shocks
Protection Type	EN 60529: protected through the housing IP20