

Control Cabinet PC PC 443-W



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 G2 terminals can be connected to the PC 400. This allows USB and display signals to be transmitted up to 100 m.

Inclusive WIN 10 MUI.

Performance Data

Processor	Intel Celeron G1820
Hard drive	128-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 Local OUT (HMI-Link G2)
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 443-W	80 x 223.7 x 193 mm (W x H x D)
----------	---------------------------------

Article Number and Miscellaneous

Article number	01-310-443-W
Standard	UL in preparation

Environmental Conditions

Storage temperature	-20 ... +60 °C	
Environmental temperature	0 ... +50 °C	
Humidity	10-90 %, non-condensing	
EMC tolerance	EN 61000-6-2 (industrial area): EMC 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