

B-FORTIS **CC-PI SLIM**

INFORMATION **TECHNICAL DATA**

B-Fortis CC-Pi Slim	Specification
Description	CC-Pi Slim S04
Order number	S-01020302-0400
Dimensions WxHxD [mm]	92 x 128 x 40,3
Weight	ca. 300 g
Mounting	Rail mounting NS 35/7,5 EN 50022
Development environment	CODESYS V3 (IEC 61131-3)
CPU	Raspberry PI CM4 (1,5 GHz Quad Core)
RAM / Flash / Retain Storage	1 GB to 8 GB RAM / 8 GB to 32 GB eMMC Flash / Persistent storage for retain variables
Certification	CE, UKCA
Communication interfaces	2x Ethernet, 10/100/1000 Base-T RJ45
Protocols	Standard: EtherCAT Master, TCP/IP, NTP, FTP Optional: Modbus, BACnet, PROFINET, EtherNet/IP, SNMP, KNX, OPC UA, IoT
Visualization	CODESYS WebVisu (Web Server, HTML 5)
USB	1x Host USB 2.0 / USB plug type A
Real time clock	Capacitor-buffered real-time clock (30-day buffer), accuracy ± 7 ppm
Digital I/O`s	8 x digital input (Type 1/3, 1 ms) 8 x digital output (rated current: 0.5 A per output, 1 ms)
Supply voltage	+24 V DC (-20% / +25%) SELV supply voltage max. AC component 5%
Current consumption device	max. 0.4 A at +24 V DC
Current consumption dig. outputs	max. 4.0 A at +24 V DC (8 x 0.5 A)
Operating conditions Transport / storage	Ambient temperature: Operation: -10 °C to +55 °C / Transport: -20 °C to +70 °C Relative humidity: max. 85%, non-condensing
EMC, protection type	
Emitted interference	EN IEC 61000-6-3, residential environment
Immunity to interference	EN IEC 61000-6-2, industrial environment
Protection class	III
Insulation strength	SELV (Ue < 30 V) in accordance with EN 61131-2; 500 VDC test voltage
Protection type	IP20
Vibration	Sine wave (EN 60068-2-6) Test: Fc; 10 ... 150 Hz, 1 G (Operation Mode)
Schock resistance	15 G (approx. 150 m/s ²), 10 ms duration, half-sine (EN 60068-2-27)

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