

B-FORTIS **CC-SLIM**

INFORMATION **TECHNICAL DATA**

B-Fortis CC-Slim	Specification				
	CC-Slim S01	CC-Slim S02	CC-Slim S03	CC-Slim S04	CC-Slim S05
Order number	S-01020102-0100	S-01020102-0200	S-01020102-0300	S-01020102-0400	S-01020102-0500
Oder number Dualcore	-	-	-	S-01020102-2400	S-01020102-2500
Dimensions WxHxD [mm]	92 x 128 x 40,3				
Weight	approx. 550 g				
Mounting	Rail mounting NS 35/7,5 EN 50022				
Development environment	CODESYS V3 (IEC 61131-3)				
CPU	800 MHz ARM® CPU Cortex™- A9 single Core / Dualcore: 2x 800 MHz ARM® CPU Cortex™- A9				
RAM /Flash / Retain storage	256 MB RAM / 256 MB Flash / 100 kB Retain				
Dualcore	512 MB RAM / 256 MB Flash / 100 kB Retain				
Certification	CE (EN 61131-2) / cULus (UL 61010-2-201)				
Communication interfaces	1x Ethernet, 10/100 Base, RJ45				
	1x EtherCAT, RJ45				
	-	-	1x CAN Bus, RJ45	2x CAN Bus, RJ45	
	-	-	-	1x RS232/485 combo, RJ45	
Protocols	Standard: EtherCAT Master, CANOpen Master, NTP, FTP Optional: Modbus RTU/TCP, SNMP, OPCuA, J1939, Ethernet/IP, PROFINET, BACnet, KNX, IoT				
Visualization	Target Visu (VNC-Server), Optional : CODESYS WebVisu (Web Server, HTML 5)				
Additional features	1x Host USB 2.0 / USB plug type A				
	1x RTC, battery buffered				
	-	-	1x MicroSD-Card slot		
Digital I/O`s	4x digital input, 4x digital output (0,5 A)				
Analogue I/O`s	- 4 x analogue Input (-10V..+10V, 2x PT100/PT1000) Resolution: 24 Bit				
Supply voltage	+24 VDC (-15% / +20%) SELV max. AC voltage component 5% with reverse voltage protection				
Current consumption device	Typ. 0,3 A, max. 1,2 A at +24 VDC				
Current consumption dig. outputs	depending on output load, continuous max. 2A				
Operating conditions	Ambient temperature: operational: 0 °C to 55 °C / transport -20 °C to +70 °C				
Transport / storage	Ambient temperature: operational Dualcore: 0 °C to 50 °C / transport -20 °C to +70 °C Relative humidity: max. 85%, non-condensing				

You can reach us at:

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EMC, protection type					
Emitted interference	EN 61131-2; EN 61000-6-3, living area				
Immunity to interference	EN 61131-2; EN 61000-6-2, industrial area				
Protection class	III				
Insulation strength	EN 61131-2				
Protection type	IP20				
Vibration	Sinusoidal (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) test: Ea				

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