

# B-FORTIS **CC-SLIM**

## INFORMATION **TECHNICAL DATA**

B-Fortis CC-Slim	Specification			
Description	CC-Slim S01	CC-Slim S02	CC-Slim S04	CC-Slim S05
Order number	<b>S-01020102-0100</b>	<b>S-01020102-0200</b>	<b>S-01020102-0400</b>	<b>S-01020102-0500</b>
Oder number Dualcore	-	-	<b>S-01020102-2400</b>	<b>S-01020102-2500</b>
Dimensions WxHxD [mm]	92 x 128 x 40,3			92 x 128 x 47
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			
Digital I/O` s	1x µSD-Slot			
	-	-	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	Max. 0.3 A at +24 VDC			
Current consumption dig. outputs	depending on output load, continuous max. 2A			
Operating conditions Transport / storage	Ambient temperature: operational: 0 °C to 55 °C / transport -20 °C to +70 °C 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:

T: +49.7121.894-0 | E: controls@berghof.com

Berghof Automation GmbH | Arbachtalstraße 26 | 72800 Eningen u.A.

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<b>EMC, protection type</b>				
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 <sup>2</sup> ), 10 ms duration, half-sine (EN 60068-2-27) test: Ea			

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