

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
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				
RAM /Flash / Retain storage	256 MB RAM / 256 MB Flash / 100 kB FRAM				
Certification	CE (EN 61131-2) / CB Scheme (IEC 61010-2-201) / cULus (UL 61010-2-201)				
Communication interfaces	1x Ethernet, 10/100 Base, RJ45	1x Ethernet, 10/100 Base, RJ45	1x Ethernet, 10/100 Base, RJ45	1x Ethernet, 10/100 Base, RJ45	1x Ethernet, 10/100 Base, RJ45
	1x EtherCAT, RJ45	1x EtherCAT, RJ45	1x EtherCAT, RJ45	1x EtherCAT, RJ45	1x EtherCAT, RJ45
	-	-	1x CAN Bus, RJ45	1x CAN Bus, RJ45	2x CAN Bus, RJ45
	-	-	-	1x RS232/485 combo, RJ45	1x RS232/485 combo, RJ45
Protocols	Standard: EtherCat Master, CANopen Master Optional: Modbus RTU M/S, Modbus TCP M/S, SNMP, OPCuA, J1939, Ethernet/IP, PROFINET, BACnet				
Visualization	CODESYS Web and Target Visu (VNC Client)				
Additional features	1x host USB 2.0 / USB plug type A	1x host USB 2.0 / USB plug type A	1x host USB 2.0 / USB plug type A	1x host USB 2.0 / USB plug type A	1x host USB 2.0 / USB plug type A
	1x RTC, battery buffered	1x RTC, battery buffered	1x RTC, battery buffered	1x RTC, battery buffered	1x RTC, battery buffered
	-	-	1x MicroSD-Card slot	1x MicroSD-Card slot	1x MicroSD-Card slot
Digital I/O`s	4x digital input, 4x digital output (0,5 A)				
Analogue I/O`s	-	4 x universal analogue Input (-10V..+10V, 2x PT100/PT1000) Resolution: 24 Bit	4 x universal analogue Input (-10V..+10V, 2x PT100/PT1000) Resolution: 24Bit	4 x universal analogue Input (-10V..+10V, 2x PT100/PT1000) Resolution: 24 Bit	4 x universal 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	Typ. 0,3 A, max. 1,2 A at +24V DC				
Operating conditions Transport / storage	Ambient temperature: operational: 0 °C bis 55 °C / transport -20 °C bis +70 °C Relative humidity: max. 85%, non-condensing				

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EMC, protection type					
Emitted interference	EN 55011 class B group 1				
Immunity to interference	EN 61131-2				
Protection class	III				
Insulation strength	EN 61131-2				
Protection type	IP20, front IP54 (IP65 only with twist locks catches tightend)				
Vibration	Sinusodial (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				