

B-FORTIS CC-EXPANSION MODULES

INFORMATION TECHNICAL DATA

B-Fortis CC-EXPANSION MODULES	Specification			
	Description	CC-DIO 16/16 P	CC-DIO 16/16 N	CC-AIO 12/6
Order number	S-01020201-0100	S-01020201-0200	S-01020202-0100	
Dimensions WxHxD [mm]	92 x 105 x 46,5			
Weight	approx. 200 g			
Mounting	Rail mounting NS 35/7,5 EN 50022			
Development environment	CODESYS V3 (IEC 61131-3)			
Certification	CE (EN 61131-2) / cULus (UL 61010-2-201)			
Communication interfaces	1x EtherCAT In, RJ45 (integrated bus coupler)			
	1x EtherCAT Out, RJ45 (integrated bus coupler)			
Protokolle	EtherCAT Slave			
Digital I/O´s	16x digital input 16x digital output positive switching	16x digital Input 16x digital output negative switching	-	
Analogue I/O´s	-	-	12 x universal analog input (-10V..+10V, -20mA..+20mA, 6x PT100/PT1000) Resolution: 24 Bit 6 x analog output (0V..+10V) Resolution: 12 Bit	
Supply voltage	+24 VDC (-15% / +20%) SELV max. AC voltage component 5% with reverse voltage protection			
Current consumption Module	Typ. 0,05 A, max. 0,25 A at +24V DC			
Current consumption dig. Outputs	according to outputload, continuous 4x max.	according to outputload, continuous 4x max.	-	
Operating conditions Transport / storage	Ambient temperature: operational: 0 °C bis 55 °C / transport -20 °C bis +70 °C Relative humidity: max. 85%, non-condensing			
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	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			