

# B-FORTIS CC-I/O

## INFORMATION TECHNICAL DATA

B-Fortis CC-I/O	Specification	
Description	CC-DIO 16/16 P	CC-AIO 12/6
Order number	<b>S-01020201-0100</b>	<b>S-01020202-0100</b>
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)	
Protocols	EtherCAT Slave	
Digital I/O´s	16x digital input 16x digital output positive 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 +24 VDC	
Current consumption dig. outputs	depending on output load, continuous 4x max. 2A	-
Operating conditions Transport / storage	Ambient temperature: operational: 0 °C to 55 °C / transport -20 °C to +70 °C Relative humidity: max. 85%, non-condensing	
<b>EMC, protection type</b>		
Emitted interference	EN 61000-6-3, living area	EN 61000-6-4, industrial area
Immunity to interference	EN 61000-6-2, industrial area	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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