

EtherCAT I/O Modules

Counter E-I/O Modules



- Compact EtherCAT E/A extension
- Modularly expandable
- Can be used centrally and decentrally
- Connection with Ethernet lines up to 100m
- CODESYS V3 support
- Easy configuration
- 8 digital Inputs
- 2 Counter or Encoder
- 2 digital Outputs
- 2 analog Outputs

Data

Description	COUNTER/POSI2 5V
Art. No.	204801700
Dimensions WxHxD [mm]	25 x 120 x 90
Weight	Approx. 150 g
Mounting	Mounting rail NS 35/7,5 EN 50022
Certification	CE (EN 61131-2) / cULus (UL 61010-2-201)
Development environment	CODESYS V3 (IEC61131-3)
Communication interfaces	1 x EtherCAT, LVDS
Protocols	EtherCAT Slave
Digital I/O	8 x digital Inputs 2 x digital Outputs 2 x Counter Inputs (A, B, Ref)
	1ms 2,0A Encodertype: RS422, 24 VDC max. 200 kHz

Data	
Description	COUNTER/POS12 5V
Analog I/O	2 x analog Output Voltage -10..10V Resolution Outputs: 12 Bit
Supply Voltage	+24 VDC (-20% / +25%) SELV max. AC voltage component 5% with reverse polarity protection
Current consumption module	Typ. 0,15 A, max. 0,2 A bei +24 VDC
Current consumption I/Os	Depending on output load, in the long term max. 4 A
Operating conditions Transport / Storage	Ambient temperature: operational: 0 °C to 55 °C / transport: -25 °C to +70 °C Relative humidity: max. 95 %, non-condensing
EMC, protection type	
Emitted interference	EN 61131-2
Immunity to interference	EN 61131-2
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 (ca. 150 m/s ²), 10 ms duration, half-sine (EN 60068-2-27) test: Ea

EtherCAT® is a registered trademark and patented technology, licensed by Beckhoff Automation GmbH, Germany.

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