

Data sheet

ET-EDO10-18665 Rev. A0

Module level product

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Digital Output Module

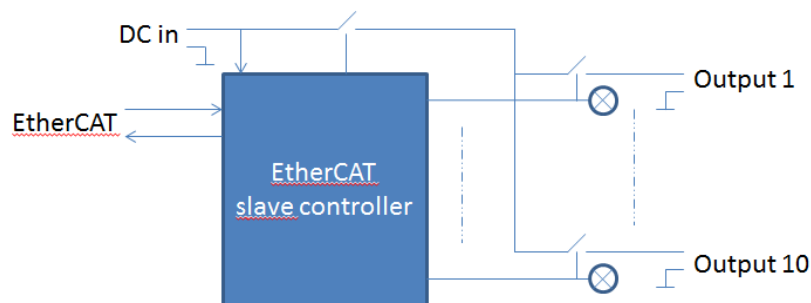
Features

- EtherCAT slave module
- 10 digital high side switched outputs
- Max. output current 0.5 A per output
- Max. total output current 0.7 A
- Load type: ohmic, inductive loads
- Short circuit protected
- Each output has separate connector
- Status LED per output
- Gold plated contacts
- Operating temperature -25 / +70 °C
- Wide input range (10-30 V) DC power supply
- Stainless steel enclosure with DIN-rail fastening
- Small size: approx. 12 x 12 x 6 cm
- Cable fastening bracket available



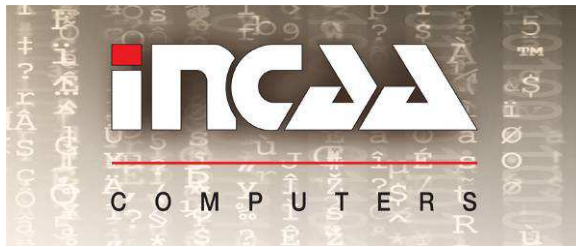
Description

The EDO10 module is an EtherCAT slave module with 10 digital short circuit protected high side switched outputs for ohmic or inductive loads. Each output has a separate connector and status LED. The connectors have a locking mechanism and gold plated contacts. A wide range DC power-input, the low power requirements, the small size and Din-rail fastening ensure easy system integration.



Schematic of EDO10 module

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Specifications

Digital outputs	
Number	10
Type	High side switch
Max. output current	0.5 A per channel, short-circuit protected
Max. total output current	0.7 A
R _{ON}	Max. 0.8 Ohm
Connector	MOLEX Mini Fit Jr 3 pin (2 pins used), gold plated contacts
Input status	LED per output
Power supply requirements	
Input	12 - 24 VDC nom., min. 10 VDC, max. 30 VDC
Power consumption	Typ. 120 mA @ 12 V Max. 900 mA @ 12 V
Protection	Against reverse polarity, under- and overvoltage
Norm conformity	
EMC	EN 50121-3-2, EN 50121-4, RLN00007
Mechanical	
Dimensions	120 x 120 x 60 mm (l x w x h)
Material	Stainless steel
Color	Brushed steel
Mounting	DIN-rail fastening
Environmental conditions	
Operating temperature	-25 °C to +70 °C
Max. operating rel. humidity	90%, no condensation
Warranty	
Warranty period	1 year
Identification	
Type number	ET-EDO10-18665 Rev A0

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