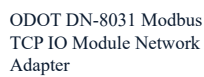
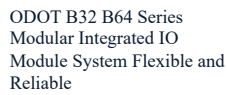
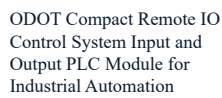


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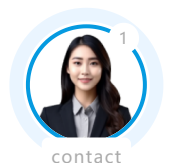


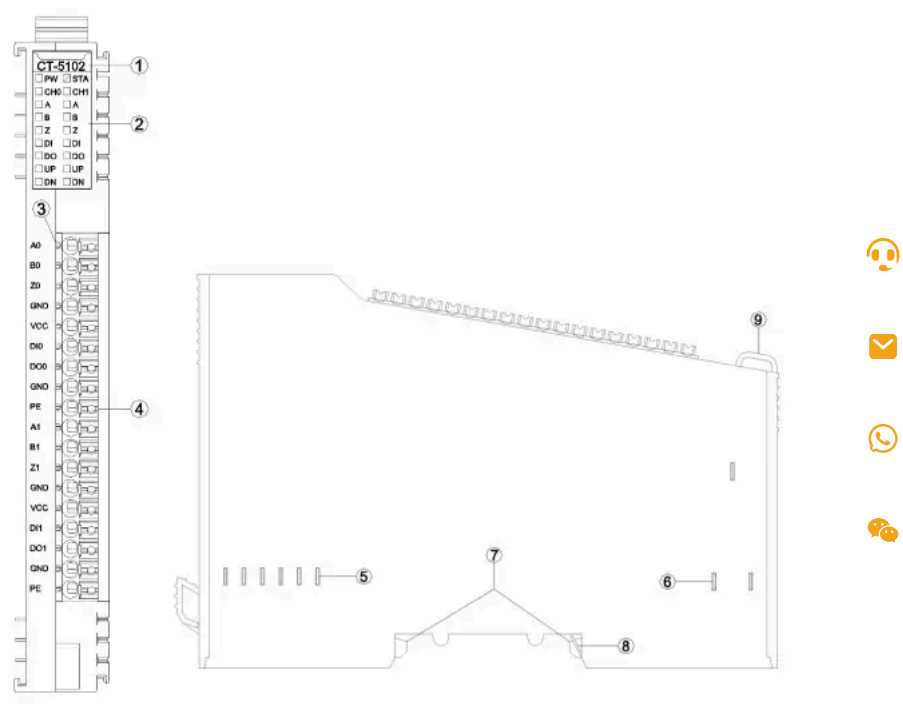
- ◆ the module supports two channels of encoder input.
- ◆ each encoder channel supports A/B incremental encoder or pulse-directional encoder input.
- ◆ each encoder channel supports orthogonal A/B signal input voltage 5V, and it supports source and sink input.
- ◆ the incremental encoder mode supports x1/ x2 / x4 freq multiplication to be selectable.
- ◆ the pulse - direction mode supports nondirectional signal, pulse input only.
- ◆ each encoder channel supports 1 digital input signal with an input voltage of 5Vdc or 24Vdc.
- ◆ each encoder channel supports 1 digital output signal with an output voltage of 5Vdc.
- ◆ each encoder channel supports 1 way of 5V power output, which can be connected to the encoder for power supply.
- ◆ the module internal bus and field input adopt magnetic isolation.
- ◆ the module carries 16 LED indicators.
- ◆ the maximum input frequency of the encoder supported by the module is 1.5MHz.
- ◆ the module supports measurement function, it could detect the load speed or input signal frequency.

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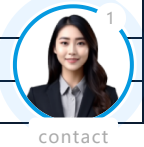
Product Details





Technical Parameters

General parameters	
Power	Max.60mA@5.0Vdc
Isolation	I/O to internal bus: magnetic isolation (3KVrms)
Field Power	Nominal:24Vdc, Range: 19.2-28.8Vdc
Wiring	I/O Wiring: Max.1.5mm²(AWG 16)
Mounting Type	35mmDIN-Rail
Size	115*14*75mm
Weight	65g
Environment Specification	
Operational Temperature	-35~70°C
Operational Humidity	5%~95% RH(No Condensation)
Protection Class	IP20
Input Parameters	
Channel Number	2-channel encoder
LED Indicator	16 channel input LED indicator
Encoder signal voltage range	ABZ input standard 5Vdc, range ±10%
Encoder input impedance	Internal pull-up or pull-down resistance 4.7K
Encoder filtering time	Could be set, the default value is 0.5 us
Encoder count frequency	<1.5MHz
Encoder frequency multiplication mode	x1/x2/x4
Encoder measurement function	Load speed or input signal frequency measurement
DI turn-on voltage	Min.5Vdc to Max.28Vdc
DI turn-off voltage	Max.2.7Vdc
DI turn-on current	Max.5mA/channel@28V
DI input impedance	>10.0kΩ
DI input delay	OFF to ON: Max.3ms ON to OFF: Max.2ms
DO output voltage	5V, range ±10%
DO output current	Max.500mA
DO output sink current	Max.5uA





Previous: CT-5142 2-channel encoder /differential input
Next: IO solution of the year 2022! Welcome to visit our live stream about ODOT most popular Profinet Coupler.



CT-623F Digital Input
Output Module 8DI
24VDC Source or Sink



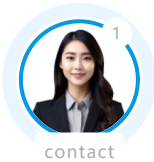
CT-5112 Encoder Input
Module 2 Channel
24VDC



CT-5321 Modbus Serial
Port Module



CT-5341 PROFIBUS DP
Master Communication
Module





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Whatsapp: +86-18281675376
Tel: +86-816-2538289
Sales Email: sales@odotautomation.com
After-Sales Email:
support@odotautomation.com
Address: Building No. 204 Mianyang
Comprehensive Bonded Zone, Eastern section
of Feiyun Avenue, Mianyang City, Sichuan
Province, China. 621000

