

Products Categories

- IO Modules
- Protocol Converter
- PLC
- Industrial Switch

Featured Products

- 

ODOT Compact Remote IO Control System Input and Output PLC Module for Industrial Automation
- 

ODOT D Series High-speed Removable Redundant Backplane Remote IO System
- 

ODOT B32 B64 Series Modular Integrated IO Module System Flexible and Reliable
- 

ODOT IP67 IO-Link Series High-Protection Remote I/O: Rugged Intelligence for the Factory Floor
- 

DN-8032-L PROFINET Network Adapter Remote IO System
- 

ODOT DN-8031 Modbus TCP IO Module Network Adapter



- Product Details
- Product Tags

CT-124D Digital Input Module 32DI*
24VDC Sink or Source

An ultra-high-density 32-channel digital input module featuring an independent power supply design and a high-density connector for rapid harness wiring, maximizing cabinet space and system stability.

CONTACT US

Key Technical Features



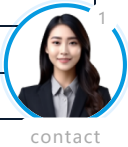
1

contact

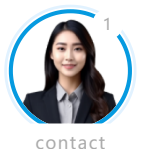


Technical Specifications

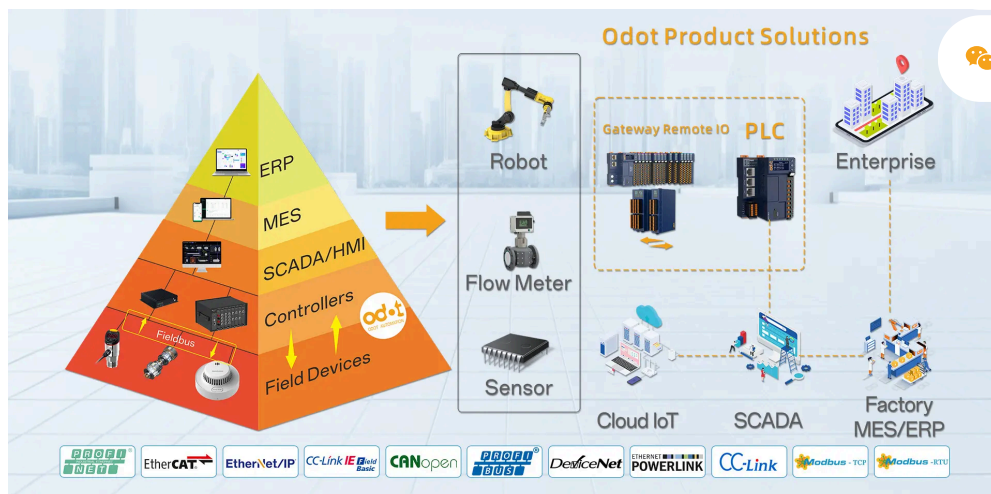
General Parameters	
Power	Max.82mA@5.0VDC
Isolation	Isolation voltage between the channel and system power supply: AC 500V Isolation voltage between channel and field power supply: AC 500V Isolation voltage between the channel and PE: AC 500V
Wiring	Max.: AWG 18 Min.: AWG 24
Installation Mode	35mm DIN-Rail
Size	115*27*75mm
Weight	110g
Environmental Parameters	
Operating Temperature of Vertical Installation	-35°C~60°C
Operating Temperature of Horizontal Installation	-35°C~70°C
Relative Humidity	5~ 95%RH (No Condensation)
Storage Temperature	-40°C~85°C
Storage Humidity	5~ 95%RH (No Condensation)
Manufacturing Test Temperature	-40°C~75°C
Ingress Protection Rating	IP20
Vibration Resistance	Comply with IEC 61131-2 and IEC 60068-2-6
Impact resistance	Comply with IEC 61131-2 and IEC 60068-2-27
EMC Performance	Comply with IEC 61131-2 and IEC 61000-4
Input Parameters	



Channel Number	32 channels	
LED Indicator	32 panel LED indicators and 32 channel LED indicators, all this are green	
Input Type	PNP/NPN	
Input Standard	The input conforms to IEC 61131-2 Type3	
Opening Voltage	Min. 11VDC to Max.30VDC	
Turn-off Voltage	Max.5VDC	
Opening Current	6.5mA@24V	
Input impedance	3.7kΩ	
Input Delay	OFF to ON: Max.3ms ON to OFF: Max.2ms	
Filtering Time	Default 10ms	
Counting Frequency	500Hz	
Opening Voltage	200Hz (Duty cycle 50%, filtering time 0ms)	
Effective pulse width for counting	2.5ms	



Ideal for industries requiring high-speed, cost-effective distributed I/O:



We understand the challenges system integrators and engineers face today. The CN-8032 is not just a hardware component; it is a solution designed to optimize your business efficiency.



Fast & Reliable Delivery

If you are facing: Global supply chain disruptions causing long lead times (6-12 months) for critical automation parts.

Our Solution: We maintain a robust supply chain and ample stock levels. ODOT guarantees rapid delivery (Most products can be shipped within 1-3 working days, typically shipping within 1-2 weeks for standard orders), ensuring your project stays on schedule and machine downtime is minimized.



Certifications & Quality Assurance:

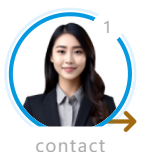
ODOT products comply with international industrial standards, including CE,UL, RoHS, CL and CCS certifications, having undergone rigorous quality control to ensure long-term reliable operation in industrial environments.

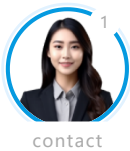


ODOT IN HANNOVER MESSE



PROFESSIONAL TEAM





Products	Solutions	Service & Support	Explore ODOT	Partners	Information
IO Modules	Customer Stories	Technical Support	About ODOT Automation	Global Market	Whatsapp: +86-18281675376
PLC	Industries	Product Certification	News	Become a Partner	Tel: +86-816-2538289
Protocol Converter		Downloads	Award		Sales Email: sales@odotautomation.com
Industrial Switch					After-Sales Email: support@odotautomation.com
					Address: Building No. 204 Mianyang Comprehensive Bonded Zone, Eastern of Feiyun Avenue, Mianyang City, Sichuan Province, China. 621000

