

Products Categories

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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

CT-124H

16CH 32bit Digital Input
24VDC Sink or Source Type

ODOT

CT-124H

16CH 32bit Digital Input
24VDC Sink or Source Type

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CT-124H

16CH 32bit Digital Input
24VDC Sink or Source Type

ODOT

Product Details

Product Download

MIN. CYCLE TIME

EXPANSION

WARRANTY

SERVICE

32 Channels

PNP/NPN

24VDCs

Counter
Frequency<200Hz

CT-124H Digital Input Module 32DI
24VDC Sink or Source Type

A reliable 16-channel digital input module supporting 24V. sink-type (PNP) signals, featuring built-in 32-bit counters and robust opto-isolation for industrial automation.

CONTACT US

PRODUCT DESCRIPTION

Maximum I/O Density for the ODOT C-Series System

The ODOT CT-124H is a high-performance digital input module belonging to the ODOT C-Series remote I/O family. Designed for applications requiring the collection of massive amounts of discrete signals, it packs 32 individual input channels into a single, compact 14mm slice.

Key Technical Features



contact

https://www.odotautomation.com/ct-124h-32-channels-digital-input-24vdc-sink-or-source-type-product/?_gl=1*183yef*_up*MQ..*_ga*MzMxMDA0... 1/6



Technical Specifications

General Parameters

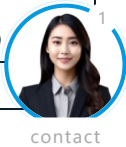
Power Consumption	Max.52mA@5.0VDC
Isolation	I/O to internal bus: opto-couple isolation (3KVrms)
Field Power	Nominal:24VDC, Range: 19.2 ~ 28.8VDC
Wiring	34P male connector 2.54mm Pin header
Installation	35mm DIN-Rail
Size	115*14*75mm
Weight	65g

Environment Specification

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 EC 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

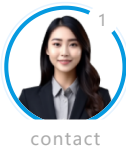
Channel Number	32 channels input
LED Indicator	32 channels input LED indicator
Turn-on Voltage	High input: Min.10VDC to Max.28VDC (Common Terminal:0VDC) Low input: Min.0VDC to Max.14VDC (Common Terminal:24VDC)
Turn-off Voltage	High input:Max.5VDC (Common Terminal:0VDC) Low input: Min.19VDC (Common Terminal:24VDC)
Turn-on Current	Max.5mA/channel@28V
Input Impedance	>7.5kΩ

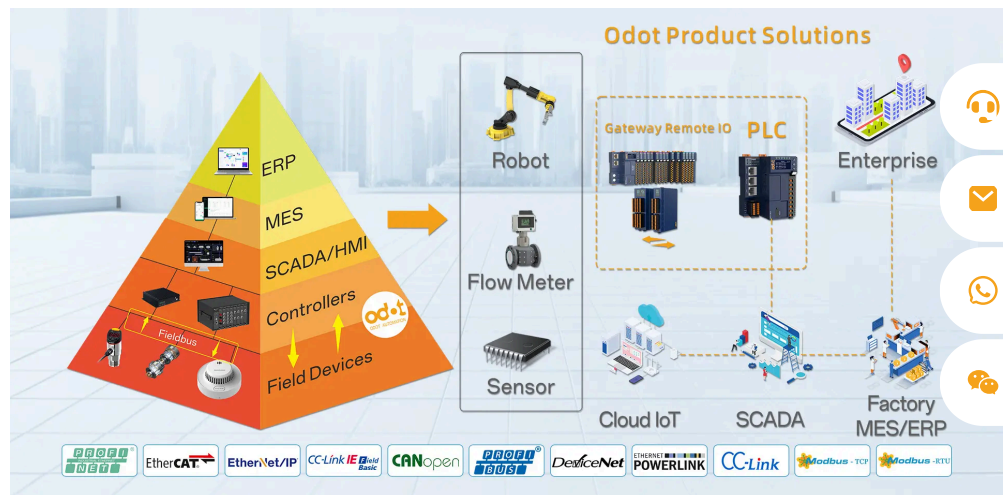


Filter Time	Default 10ms
Sample Frequency	500Hz
Counter Frequency	<200Hz
Effective pulse width for counting	2.5ms



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.



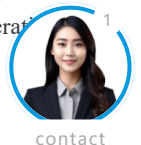
Fast & Reliable Delivery

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.





EU Environmental Protection
Certification



EU REACH
Certification

ODOT IN HANNOVER MESSE



PROFESSIONAL TEAM





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