

ODOT

2026 Product Catalogue

Self-Developed PLC Solutions Provider



Sichuan Odot Automation System Co., Ltd.

ABOUT US

Founded in 2003, ODOT Automation is a national high-tech enterprise with 23 years of experience in industrial automation and communication. We develop and manufacture a comprehensive range of ODOT-branded products, including PLCs, I/O modules, protocol converters, IoT gateways, industrial Ethernet switches, industrial wireless products, and communication accessories. We also provide in-depth ODM services tailored to customer requirements.

ODOT is certified to ISO 9001, ISO 14001, and ISO 45001. Our products carry CE and UL certifications, comply with RoHS requirements, and have obtained relevant classification-society approvals. ODOT is also a member of leading industry organizations, including PROFIBUS & PROFINET International China (PI-China), EtherCAT Technology Group (ETG), CC-Link Partner Association (CLPA), PLCopen, UniversalAutomation.Org (UAO), OPC Foundation, China Communications Industry Association (CCIA), Alliance of Industrial Internet (All), and Edge Computing Consortium (ECC).

Our products provide reliable data acquisition and communication between field devices and industrial control systems, helping equipment manufacturers, system integrators, and industrial users build flexible and efficient automation systems. ODOT's automation products and industrial communication solutions are widely used in wind power, marine and shipbuilding, robotics, medical equipment manufacturing, logistics and warehousing, solar energy and energy storage, automotive manufacturing, water and wastewater, and other industrial applications.

Supported by more than 2,000 partners worldwide and a team of over 100 R&D and technical support professionals, ODOT provides responsive technical support and delivers reliable, practical, and cost-effective automation products and solutions to customers around the world.

23 years

Experience in
the automation
industry

2000+

Global
partners

100+

R&D and technical
service professionals

24/7

Response and Technical
Support



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D Series

Medium-to-Large PLC



DU03L

DU03G*

DU03P

DU03M*



- Compliant with IEC 61499 and IEC 61131-3
- Supports motion control and includes built-in HMI functionality.
- Supports a high-speed redundant backplane bus and a removable-terminal design.
- Supports high-level languages and web-based programming.
- Supports operation as a PROFINET IO-Controller and as an EtherCAT master.

Specifications	DU03L	DU03G*	DU03P	DU03M*
Software standards	IEC 61131-3, IEC 61499	IEC 61131-3, IEC 61499	IEC 61131-3, IEC 61499	IEC 61131-3, IEC 61499
Max. expansion modules	32	32	32	32
Interfaces	3 × RJ45, 1 × CAN, 2 × RS485	4 × RJ45, 2 × CAN, 2 × RS485	4 × RJ45, 2 × CAN, 2 × RS485	4 × RJ45, 2 × CAN, 2 × RS485
Software	AIOSYS	AIOSYS	AIOSYS	AIOSYS
Programming languages	FBD, LD, ST, C, C++	FBD, LD, ST, C, C++	FBD, LD, ST, C, C++	FBD, LD, ST, C, C++
Instruction execution speed	Bit operation 19 ns Word operation 19 ns Floating-point operation 28 ns	Bit operation 15 ns Word operation 16 ns Floating-point operation 21 ns	Bit operation 15 ns Word operation 16 ns Floating-point operation 21 ns	Bit operation <0.3 ns, Word operation <0.3 ns, Floating-point operation <2 ns
Memory capacity	Data memory 32M Bytes Program memory 32M Bytes Retentive data memory 512K Bytes	Data memory 64M Bytes Program memory 64M Bytes Retentive data memory 1M Bytes	Data memory 128M Bytes Program memory 128M Bytes Retentive data memory 1M Bytes	Data memory 256M Bytes Program memory 256M Bytes Retentive data memory 8M Bytes

Note: For the launch schedule of models marked with an asterisk (), please contact ODOT Automation.

C Series

Medium-Sized PLCs



System Architecture and Functionality

Built-in AIOSYS with multiple communication interfaces; supports multi-axis motion control.

Object-Oriented Design and Hardware-Software Decoupling

Supports object-oriented modeling and top-down software design; distributes function blocks across multiple PLCs for load balancing and hardware-software decoupling; supports distributed control for system scalability.

Deployment and Use

The programming software supports Windows and Linux, local PC and server deployment, and browser-based programming with no software installation required.

Stable Operation

EMC immunity exceeds the requirements of IEC 61131-2.

Specifications	CU02B*	CU02L*	CU02G*
Software standards	IEC 61131-3, IEC 61499	IEC 61131-3, IEC 61499	IEC 61131-3, IEC 61499
Max. expansion modules	32	32	32
Onboard expansion modules	4	3	2
Interfaces	3 × RJ45	3 × RJ45, 2 × RS485	3 × RJ45, 2 × RS485
Software	AIOSYS	AIOSYS	AIOSYS
Programming languages	FBD, LD, ST, C	FBD, LD, ST, C	FBD, LD, ST, C
Programming method	Web-based programming; no software installation required	Web-based programming; no software installation required	Web-based programming; no software installation required
Instruction execution speed	Bit operation <80 ns word operation <200 ns Floating-point operation <500 ns	Bit operation <80 ns word operation <200 ns Floating-point operation <500 ns	Bit operation <80 ns word operation <200 ns Floating-point operation <500 ns
Memory capacity	Data memory 16M Bytes Program memory 16M Bytes Retentive data memory 512K Bytes	Data memory 16M Bytes Program memory 16M Bytes Retentive data memory 512K Bytes	Data memory 16M Bytes Program memory 16M Bytes Retentive data memory 512K Bytes

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C3000 Series

Small-to-Medium PLCs



C3000 Series
Compact PLC

- Easy Programming and Versatile Functionality
- Wide-Temperature Design and Reliable Performance
- Seamless Communication and Reliable Connectivity
- Reliable, Compact, and Easy to Expand

Specifications	C3351-B01	C3351-C00
Software standards	IEC 61131-3	IEC 61131-3
Programming languages	LD, IL, ST, CFC/FBD, SFC	LD, IL, ST, CFC/FBD, SFC
Programming software	CODESYS V3.5.19.70	CODESYS V3.5.19.70
Max. expansion modules	32	32
Online change without stopping the PLC	/	Supported
CODESYS network variables	/	Supported
Interfaces	2 × RJ45, 1 × RS485	2 × RJ45, 1 × RS485
Ethernet	10/100 Mbps, auto-negotiation, full duplex	10/100 Mbps, auto-negotiation, full duplex
Memory	Program memory 4M Bytes; Data memory 4M Bytes Retentive data memory 32K Bytes	Program memory 4M Bytes; Data memory 4M Bytes Retentive data memory 32K Bytes
Instruction execution speed	Bit operation 0.07 μs Word operation 0.33 μs Floating-point operation 0.38 μs	Bit operation 0.07 μs Word operation 0.33 μs Floating-point operation 0.38 μs

C4000 Series

Medium-Sized Process-Control PLC



C4000 Series

Medium-Sized Process-Control PLC

Extensive configuration options

Easy commissioning

Easy expansion

Stable and reliable

Specifications | C4374

Programming languages	IEC 61131-3 (LD, IL, ST, CFC/FBD, SFC)
Programming software	CODESYS V3.5.19.70
Max. expansion modules	32
Online change without / stopping the PLC	/
CODESYS network variables	/
Interfaces	3 × RJ45, 1 × RS485, 1 × CAN
Ethernet	10/100 Mbps, auto-negotiation, full duplex
Memory	Program memory 4M Bytes; Data memory 4M Bytes; Retentive memory 3.9K Bytes
Instruction execution speed	Bit operation cycle 0.10 μs; Word transfer cycle 0.10 μs; Floating-point operation cycle 0.27 μs

C4374-C00

Programming languages	IEC 61131-3 (LD, IL, ST, CFC/FBD, SFC)
Programming software	CODESYS V3.5.19.70
Max. expansion modules	32
Online change without / stopping the PLC	Supported
CODESYS network variables	Supported
Interfaces	4 × RJ45, 1 × RS485, 1 × CAN
Ethernet	10/100 Mbps, auto-negotiation, full duplex
Memory	Program memory 4M Bytes; Data memory 4M Bytes; Retentive memory 32K Bytes
Instruction execution speed	Bit operation cycle 0.10 μs; Word transfer cycle 0.10 μs; Floating-point operation cycle 0.27 μs

B Series

Integrated Compact PLCs



BU01P/G

Compact High-Performance PLC

- Support for Multiple Standards

Built-in AIOSYS supporting both IEC 61131-3 and IEC 61499.

- Deployment and Use

The programming software supports Windows and Linux, local PC and server deployment, and direct browser-based access.

- Multiple Communication Protocols

Supports PROFINET IO-Controller and EtherCAT master operation, among other communication protocols.

- Motion Control

Supports EtherCAT axes and common motion-control functions, including position control, speed control, electronic gearing, and electronic camming.

- EMC Immunity

EMC immunity exceeds the requirements of IEC 61131-2.

- Self-Developed Hardware and Software

Hardware and software are independently designed and developed, ensuring control over key technologies.

Specifications	BU01P	BU01G*
Software standards	IEC 61131-3, IEC 61499	IEC 61131-3, IEC 61499
Software	AIOSYS	AIOSYS
I/O Point Count	64	32
Motion control	EtherCAT axis; supports position control, speed control, electronic gearing, electronic camming, etc.	EtherCAT axis; supports position control, speed control, electronic gearing, electronic camming, etc.
Memory	Data memory 8M Bytes; Program memory 16M Bytes; Retentive memory 512K Bytes	Data memory 8M Bytes; Program memory 16M Bytes; Retentive memory 512K Bytes
Instruction execution speed	Bit operation cycle 23 ns; MOV_W (16-bit) 31 ns; REAL Arithmetic (32-bit) 32 ns	Bit operation cycle 23 ns; MOV_W (16-bit) 31 ns; REAL Arithmetic (32-bit) 32 ns

Note: For the launch schedule of models marked with an asterisk (), please contact ODOT Automation.

Ordering Code

Model	Description
BU01P-A51-1200-0	64-point I/O configuration, AIOSYS programming platform, 3 × RJ45, 1 × RS485 port, 40DI (PNP/NPN), 24DO (PNP); supports Modbus TCP client/server, Modbus RTU master/slave, and PROFINET IO-Controller communication.
BU01P-A51-1300-0	64-point I/O configuration, AIOSYS programming platform, 3 × RJ45, 1 × RS485 port, 40DI (PNP/NPN), 24DO (PNP); supports Modbus TCP client/server, Modbus RTU master/slave, and EtherCAT master communication.
BU01P-A51-1212-0	64-point I/O configuration, AIOSYS programming platform, 3 × RJ45, 1 × RS485 port, 40DI (PNP/NPN), 24DO (PNP); supports Modbus TCP client/server, Modbus RTU master/slave, and PROFINET IO-Controller and IO-Device communication.
BU01P-A51-1312-0	64-point I/O configuration, AIOSYS programming platform, 3 × RJ45, 1 × RS485 port, 40DI (PNP/NPN), 24DO (PNP); supports Modbus TCP client/server, Modbus RTU master/slave, EtherCAT master, and PROFINET IO-Device communication.

B Series

Integrated Compact PLCs



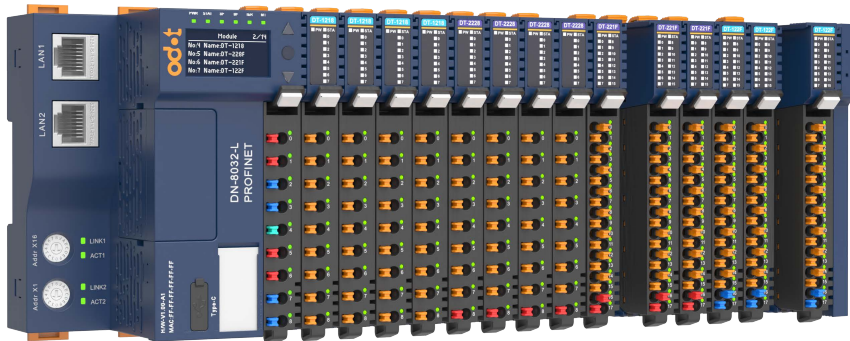
B2000 Series Modular Integrated Compact PLC

- **Integrated Design, Built with Care**
CODESYS programming environment
- **Compact I/O, Versatile Applications**
Designed to reduce costs for compact automation equipment applications
- **Distributed Deployment, Fast Response**
Distributed field deployment for edge control, with a high-speed backplane bus
- **Easy Programming, Communication, and Control**
IEC 61131-3 programming languages
Supports Modbus TCP communication

Specifications	B2341	B2341-C00
Programming languages	IEC 61131-3 (LD, IL, ST, CFC/FBD, SFC)	IEC 61131-3 (LD, IL, ST, CFC/FBD, SFC)
Programming software	CODESYS V3.5.19.70	CODESYS V3.5.19.70
Interfaces	2 × RJ45	2 × RJ45
Online change without stopping the PLC	/	Supported
CODESYS network variables	/	Supported
Ethernet	10/100 Mbps, auto-negotiation, full duplex	10/100 Mbps, auto-negotiation, full duplex
Max. expansion modules	4	4
Memory	Data memory 1M Bytes; Program memory 1M Bytes; Retentive memory 3K Bytes	Data memory 1M Bytes; Program memory 1M Bytes; Retentive memory 3K Bytes
Instruction execution speed	Bit operation cycle: 0.21 μs Word transfer cycle: 0.21 μs Double-word operation cycle: 0.64 μs Minimum program scan cycle: 1 ms	Bit operation cycle: 0.21 μs Word transfer cycle: 0.21 μs Double-word operation cycle: 0.64 μs Minimum program scan cycle: 1 ms

D Series

Remote I/O with Removable Terminals and Redundant Backplane



◦ Removable-terminal design for easier installation

staggered spring-clamp terminals with integrated light guides; the removable terminals facilitate installation and maintenance.

◦ Redundant backplane for higher availability

automatic backplane redundancy, up to 32 I/O modules, and a 0.6 ms full-load analog-input refresh time.

◦ Custom development

OEM, ODM, special-purpose modules, and custom functions.

◦ Visual status indication for precise fault location

each module provides independent diagnostics and operating-status indication.

◦ Enhanced EMC immunity

ESD, EFT/burst, and surge immunity levels exceed IEC 61131-2 requirements.

◦ Designed for demanding applications

including high- and low-temperature industrial environments.

D Series**Remote I/O with Removable Terminals and Redundant Backplane****Ordering Information**

Model	Description	Model	Description
Network Adapters		DT-3238	0-20 mA/4-20 mA, 8AI, 16-bit (including sign bit)
DN-8021	CANopen slave network adapter	DT-3364	0-5 VDC/0-10 VDC/±5 VDC/±10 VDC, 4AI, 16-bit (including sign bit), channel-to-channel isolation
DN-8031	Modbus TCP server network adapter	DT-3434	0-20 mA/4-20 mA, 4AI, 16-bit (including sign bit), channel-to-channel isolation
DN-8032-L	PROFINET IO-Device network adapter	DT-3714	PT100 RTD, 4AI, accuracy: ±0.6°C@25°C, ±1.5°C@-35°C~60°C, supports 2-wire/3-wire sensors
DN-8033	EtherCAT slave network adapter	DT-3724	RTD-PT1000, 4 channels, accuracy ±0.6°C@25°C, ±1.5°C@-35°C~60°C, supports 2-wire and 3-wire sensors
DN-8034	EtherNet/IP adapter	DT-3734	RTD-PT100, 4 channels, accuracy ±0.6°C@25°C, ±1.5°C@-35°C~60°C, supports 2-wire and 3-wire sensors, channel-to-channel isolation
DN-8035	POWERLINK Controlled Node network adapter	DT-3804	J/K/E/T/S/R/B/N thermocouple input, 4AI, acquisition accuracy: ±0.3% full scale@25°C, ±0.5% full scale@-35~60°C, adjustable filtering parameters
DN-8037	CC-Link IE Field Basic slave station network adapter	DT-3808	Thermocouple input (types J, K, E, T, S, R, B, and N), 8-channel, acquisition accuracy: ±0.3% full scale@25°C, ±0.5% full scale @-35~60°C, adjustable filtering parameters
Digital Input Modules		Analog Output Modules	
DT-1218	24 VDC, 8DI, PNP/high-level input, internal COM	DT-4164	0-5 VDC/0-10 VDC/±5 VDC/±10 VDC, 4AO, 16-bit (including sign bit)
DT-121F	24 VDC, 16DI, PNP/high-level input, internal COM	DT-4168	0-5 VDC/0-10 VDC/±5 VDC/±10 VDC, 8AO, 16-bit (including sign bit)
DT-1228	24 VDC, 8DI, NPN/low-level input, internal COM	DT-4234	0-20 mA/4-20 mA, 4AO, 16-bit, single-ended
DT-122F	24 VDC, 16DI, NPN/low-level input, internal COM	DT-4238	0-20 mA/4-20 mA, 8AO, 16-bit, single-ended
DT-124D	24 VDC-32DI, bidirectional input, PNP/NPN, external COM	Special Modules	
DT-1314	220 VAC, 4DI	DT-5102	Incremental/pulse-direction encoder input, 5 VDC, 2 channels
Digital Output Modules		DT-5122	SSI encoder input, 2 channels
DT-2218	24 VDC-8DO, NPN/low-level output, 24 VDC@0.5 A	DT-5142	Incremental/pulse-direction encoder input, differential signals, 2 channels
DT-221F	24 VDC-16DO, NPN/low-level output, 24 VDC@0.5 A	DT-5321	1-channel RS485/RS422/RS232 communication module, Modbus RTU/ASCII master/slave/free-port mode
DT-2224	24 VDC-4DO, PNP/high-level output, 24 VDC@2 A	DT-5331	1-channel CAN communication module, supports CANopen master mode and CAN 2.0A/B transparent transmission
DT-2228	24 VDC-8DO, PNP/high-level output, 24 VDC@0.5 A	DT-5341	1-channel PROFIBUS DP communication module, supports PROFIBUS DP-V0 master mode
DT-222F	24 VDC-16DO, PNP/high-level output, 24 VDC@0.5 A	DT-5414	Modbus TCP communication module with 4 Ethernet ports, supports Modbus TCP client/server operation
DT-2758	8-channel monostable relay output, resistive load 2 A@30 VDC, inductive load 1 A@30 VDC, channel-to-channel isolation	DT-5800	End module (required), with diagnostics
DT-2794	4-channel monostable relay output, resistive load: 2 A@250 VAC/30 VDC, inductive load: 1 A@250 VAC/30 VDC, channel-to-channel isolation	DT-623F	24 VDC-8DI, PNP/NPN high-/low-level input; 24 VDC-8DO, PNP/high-level output, 24 VDC@0.5 A
Analog Input Modules		Power Expansion Modules	
DT-3168	0-5 VDC/0-10 VDC/±5 VDC/±10 VDC, 8AI, 16-bit (including sign bit)	DT-7221	8 A field-power + 2 A system-power expansion module (requires configuration)
DT-3234	0~20 mA/4~20 mA, 4AI, 16-bit (including status bit)		

C Series

General-Purpose High-Speed Remote I/O



- High-speed backplane bus; 2 ms refresh cycle with a full load of analog input modules.
- Distributed ultra-slim design saves installation space.
- Spring-clamp terminals enable fast wiring.
- OEM/ODM services and custom development of special-purpose modules/functions.
- Supports up to 32 I/O modules.

Ordering Information

Model	Description	Model	Description
Network Adapters		Digital Output Modules	
CN-8011	Modbus RTU network adapter	CT-2218	24 VDC-8DO, NPN/low-level output, 24 VDC@0.5 A
CN-8012	PROFIBUS DP-V0 network adapter	CT-221D	24 VDC-32DO, NPN/low-level output, 24 VDC@0.25 A, independent power supply
CN-8013	CC-Link Ver. 2 network adapter	CT-221F	24 VDC-16DO, NPN/low-level output, 24 VDC@0.5 A
CN-8021	CANopen network adapter, DS401-compliant, 64 TPDOs/64 RPDOs	CT-221H	24 VDC-32DO, NPN/low-level output, 24 VDC@0.3 A, 34-pin male connector
CN-8022	DeviceNet network adapter	CT-2224	24 VDC-4DO, PNP/high-level output, 24 VDC@2.2 A, independent power supply
CN-8031	Modbus TCP server network adapter	CT-2228	24 VDC-8DO, PNP/high-level output, 24 VDC@0.5 A
CN-8032	PROFINET IO-Device network adapter, supports RT/IRT/MRP	CT-222D	24 VDC-32DO, PNP/high-level output, 24 VDC@0.5 A, independent power supply
CN-8032-L	PROFINET IO-Device network adapter, supports RT, IRT/MRP not supported	CT-222F	24 VDC-16DO, PNP/high-level output, 24 VDC@0.5 A
CN-8033	EtherCAT network adapter		
CN-8034	EtherNet/IP network adapter		
CN-8035	POWERLINK V2 network adapter		
CN-8037	CC-Link IE Field Basic network adapter, remote device station, occupies 1~16 logical stations		
CN-8038	BACnet/IP network adapter		
Digital Input Modules			
CT-1218	24 VDC, 8DI, PNP/high-level input, counting frequency <200 Hz, internal COM		
CT-121F	24 VDC, 16DI, PNP/high-level input, counting frequency <200 Hz, internal COM		
CT-1228	24 VDC, 8DI, NPN/low-level input, counting frequency <200 Hz, internal COM		

C Series

General-Purpose High-Speed Remote I/O

Ordering Information



Model	Description	Model	Description
Digital Output Modules		Analog Output Modules	
CT-222H	24 VDC-32DO, PNP/high-level output, 24 VDC@0.3 A, 34-pin male connector	CT-4234	0-20 mA/4-20 mA, 4AO, 16-bit, single-ended
CT-225F	24 VDC-16DO, NPN/low-level output, 24 VDC@0.5 A, independent power supply	CT-4238	0-20 mA/4-20 mA, 8AO, 16-bit, single-ended
CT-226F	24 VDC-16DO, PNP/high-level output, 24 VDC@0.5 A, independent power supply	CT-4274	0-20 mA/4-20 mA, 4AO, 16-bit, single-ended, output accuracy $\pm 0.3\%$, channel-to-channel isolation
CT-2738	8-channel monostable relay output, 24 VDC@1 A, channel-to-channel isolation	Special Modules	
CT-2754	4-channel monostable relay output, 24 VDC@2 A, channel-to-channel isolation, inductive load: 2 A, resistive load: 3 A	CT-5000	Virtual module for reserving a slot and process-data space
CT-2794	4-channel monostable relay output, resistive load: 2A@220 VAC, inductive load: 1A@220 VAC, channel-to-channel isolation	CT-5102	2-channel encoder input, 5 V single-ended, input frequency <1.5 MHz
CT-222F-NP	24 VDC-16DO, PNP/high-level output, 24 VDC@0.5 A, independent power supply	CT-5112	2-channel encoder input, 24 V single-ended, input frequency <0.5 MHz
Analog Input Modules		CT-5122	2-channel SSE encoder input, 5 V differential, input frequency ≤ 2 MHz
CT-3134	0-5 VDC/0-10 VDC/ ± 5 VDC/ ± 10 VDC, 4AI, 16-bit (including sign bit), channel-to-channel isolation	CT-5142	2-channel differential encoder input, 5 V differential, input frequency <10 MHz
CT-3168	0-5 VDC/0-10 VDC/ ± 5 VDC/ ± 10 VDC, 8AI, 16-bit (including sign bit)	CT-5158	8-channel high-speed pulse counting module, pulse frequency range: 0-100 kHz, 24 VDC@0.5A, PNP/NPN bidirectional single-ended input
CT-3178	0-5 VDC/0-10 VDC/0-12.5 VDC/ ± 5 VDC/ ± 10 VDC/ ± 12.5 VDC, 8CH, 16-bit (including sign bit)	CT-5212	2-channel pulse output module, 8DI, 2DO, 24 VDC@0.5 A, supports pulse/direction and dual-pulse modes
CT-3234	0-20 mA/4-20 mA, 4AI, 16-bit (including sign bit)	CT-5224	4DI, PNP/NPN bidirectional input; 4DO, PNP output; 4 PWM outputs with adjustable duty cycle
CT-3238	0-20 mA/4-20 mA, 8AI, 16-bit (including sign bit)	CT-5252	2-channel proportional-valve control
CT-3268	0-20 mA/0-20 mA/ ± 20 mA, 8AI, 16-bit (including sign bit), single-ended bipolar input	CT-5321	1-channel RS485/RS422/RS232 communication module, Modbus RTU/ASCII master/slave/free-port mode
CT-3274	0-20 mA/4-20 mA/ ± 20 mA, 4AI, 16-bit, single-ended, channel-to-channel isolation	CT-5331	1-channel CANopen communication module, CANopen master/transparent CAN mode
CT-3713	PT100 RTD, 3AI, accuracy $\leq 0.5^\circ\text{C}$	CT-5341	1-channel PROFIBUS DP communication module, supports PROFIBUS DP-V0 master mode
CT-3714	PT100 RTD, 4AI, accuracy $\leq 0.5^\circ\text{C}$	CT-5354	4-channel IO-Link master module with 4 IO-Link ports, compliant with IO-Link V1.1.4
CT-3716	PT100 RTD, 6AI, accuracy $\leq 0.5^\circ\text{C}$	CT-5414	4 $\times$ RJ45 ports; supports Modbus TCP client/server operation; maximum input data: 1,024 bytes; maximum output data: 1,024 bytes
CT-3723	RTD-PT1000, 3AI, accuracy $\leq 0.5^\circ\text{C}$	CT-5711	Bus expansion master module
CT-3726	RTD-PT1000, 6AI, accuracy $\leq 0.5^\circ\text{C}$	CT-5721	Bus expansion slave module
CT-3734	PT100 RTD, 4AI, accuracy $\leq 0.5^\circ\text{C}$, channel-to-channel isolation	CT-5801	End module (required)
CT-3744	PT1000 RTD, 4AI, input accuracy $<0.5^\circ\text{C}$, channel-to-channel isolation	CT-623F	24 VDC-8DI, PNP/NPN bidirectional input, counting frequency <200 Hz; 24 VDC-8DO, PNP/high-level output, 24 VDC@0.5 A
CT-3834	J/K/E/T/S/R/B/N thermocouple input, 4AI, acquisition accuracy: $\pm 0.3\%$ full scale@ 25°C , $\pm 0.5\%$ full scale@ $-35\sim 70^\circ\text{C}$, adjustable filtering parameters, channel-to-channel isolation	Power Expansion and Distribution Modules	
CT-3844	J/K/E/T/S/R/B/N thermocouple input, 4AI, acquisition accuracy: $\pm 0.3\%$ full scale@ 25°C , $\pm 0.5\%$ full scale@ $-35\sim 70^\circ\text{C}$, adjustable filtering parameters	CT-7100	8 A field-power expansion module (no configuration required)
CT-3848	J/K/E/T/S/R/B/N thermocouple input, 8AI, acquisition accuracy: $\pm 0.3\%$ full scale@ 25°C , $\pm 0.5\%$ full scale@ $-35\sim 70^\circ\text{C}$, adjustable filtering parameters	CT-7220	8 A field-power + 2 A system-power expansion module (no configuration required)
CT-4154	0-5 VDC/0-10 VDC/ ± 5 VDC/ ± 10 VDC, 4AO, 16-bit (including sign bit)	CT-7221	8 A field-power + 2 A system-power expansion module (requires configuration)
CT-4158	0-5 VDC/0-10 VDC/ ± 5 VDC/ ± 10 VDC, 8AO, 16-bit (including sign bit)	CT-730F	18-channel field-power distribution module, 0 V
		CT-731F	18-channel field-power distribution module, 24 V
		CT-732F	18-channel PE distribution module
		CT-7339	18-channel power distribution module, $9 \times 24 \text{ V} + 9 \times 0 \text{ V}$
		CT-7346	18-channel power distribution module, $6 \times 24 \text{ V} + 6 \times 0 \text{ V} + 6 \times \text{PE}$
		CT-7354	4-channel 5 VDC power output, maximum output current: 0.5 A per channel; no configuration required; does not occupy a slot

B Series

Modular Integrated Remote I/O



BOXIO-64

1 communication board + 4 I/O slots,
110 mm × 44 mm × 84 mm

BOXIO-32

1 communication board + 2 I/O slots,
110 mm × 28 mm × 84 mm



- Customization services: OEM/ODM support.
- Status display: built-in LED display for visual on-site commissioning.
- Modular design: communication baseboard + I/O expansion cards, with flexible combinations for different applications.

Ordering Code

Model	Description	Model	Description
Power and Communication Boards		BT-3238	0-20 mA/4-20 mA, 8AI, 15-bit, single-ended
BN-8011	Modbus RTU communication board, 10-pin terminal, max. total I/O data: 8,192 bytes	BT-3244	0-20 mA/4-20 mA/±20 mA, 4AI, 15-bit, single-ended bipolar input
BN-8021	CANopen communication board, 10-pin terminal, max. total I/O data: 328 bytes (16-bit mode)/254 bytes (8-bit mode)	BT-3714	PT100 RTD, 4AI
BN-8031	Modbus TCP communication board, 2 × RJ45, max. total I/O data: 8,192 bytes	BT-3724	PT1000 RTD, 4AI
BN-8032	PROFINET communication board, 2 × RJ45, max. input: 1,440 bytes, max. output: 1,440 bytes, supports MRP/IRT	BT-3734	RTD-PT100, 4CH, channel-to-channel isolation
BN-8032-L	PROFINET communication board, 2 × RJ45, max. input: 1,440 bytes, max. output: 1,440 bytes	BT-3804	J/K/E/T/S/R/B/N thermocouple input, 4AI
BN-8033	EtherCAT communication board, 2 × RJ45, max. input: 341 bytes, max. output: 256 bytes	Analog Output Modules	
BN-8034	EtherNet/IP communication board, 2 × RJ45, max. input: 504 bytes, max. output: 504 bytes	BT-4154	0-5 VDC/0-10 VDC/±5 VDC/±10 VDC, 4AO, 15/16-bit, single-ended
Digital Input Modules		BT-4234	0-20 mA/4-20 mA, 4AO, 15/16-bit, single-ended
BT-124F	24 VDC, 16DI, PNP/NPN bidirectional input, counting frequency <200 Hz	Special Modules	
Digital Output Modules		BT-5102	2-channel encoder input, 5 V, input frequency <1.5 MHz
BT-221F	24 VDC-16DO, NPN/low-level output, 24 VDC@0.3 A	BT-5112	2-channel encoder input, 24 V, input frequency <0.5 MHz
BT-222F	24 VDC-16DO, PNP/high-level output, 24 VDC@0.5 A	BT-5121	1-channel SSI encoder input, 5 V, input frequency <2 MHz
BT-2758	30 VDC-8DO relay output, 2 A/channel	BT-5141	1-channel differential encoder input, 5 V, input frequency <10 MHz
Analog Input Modules		BT-5182	2-channel potentiometer input module
BT-3168	0-5 VDC/0-10 VDC/±5 VDC/±10 VDC, 8AI, 15-bit, single-ended	BT-5312	2 independent RS485 ports, Modbus RTU/ASCII master/slave/free-port mode
		BT-5331	1-channel CAN communication module
		Mixed I/O Modules	
		BT-623F	24 VDC-8DI, PNP/NPN bidirectional input, counting frequency <200 Hz; 24 VDC-8DO, PNP/high-level output, 24 VDC@0.5 A

B2 Series

Cost-Effective Integrated Remote I/O



EtherCAT

Modbus TCP

Modbus RTU

PROFINET

Integrated design:

30% more cost-effective at the same I/O count.

High expandability

dual Ethernet ports support network cascading; communication distance between devices up to 100 m.

Protocol conversion

between Modbus RTU/ASCII and real-time Ethernet protocols such as PROFINET/EtherCAT.

Reliable communication

supports EtherCAT/PROFINET and other standard Industrial Ethernet protocols.

Easy configuration

parameters can be downloaded centrally from the controller/configuration software.

Enhanced EMC immunity

immunity levels exceed IEC 61131-2 requirements.

Ordering Code

Model	Description
B2EC-16DIM16DOP	EtherCAT slave, 16DI, 24 VDC, PNP/NPN bidirectional input, Type 3; 16DO, 24 VDC, PNP/high-level output, 0.5A/channel
B2EC-32DIM32DOP	EtherCAT slave, 32DI, 24 VDC, PNP/NPN bidirectional input, Type 3; 32DO, 24 VDC, PNP/high-level output, 0.5A/channel
B2EC-32DIM	EtherCAT slave, 32DI, 24 VDC, PNP/NPN bidirectional input, Type 3
B2EC-16DIM8DOR	EtherCAT slave, 16DI, 24 VDC, PNP/NPN bidirectional input, Type 3; 8DO, 30 VDC/250 VAC relay output, 2A/channel
B2EC-16DIM16DOP-S	EtherCAT slave, 16DI, 24 VDC, PNP/NPN bidirectional input, Type 3; 16DO, 24 VDC, PNP/high-level output, 0.5A/channel; 1 × RS485, supports Modbus RTU/ASCII and free-port protocol conversion to EtherCAT
B2EC-16DIM8DOR-S	EtherCAT slave, 16DI, 24 VDC, PNP/NPN bidirectional input, Type 3; 8DO, 30 VDC/250 VAC relay output, 2A/channel; 1 × RS485, supports Modbus RTU/ASCII and free-port protocol conversion to EtherCAT
B2EC-32DIM-S	EtherCAT slave, 32DI, 24 VDC, PNP/NPN bidirectional input, Type 3; 1 × RS485, supports Modbus RTU/ASCII and free-port protocol conversion to EtherCAT
B2EC-32DIM32DOP-S	EtherCAT slave, 32DI, 24 VDC, PNP/NPN bidirectional input, Type 3; 32DO, 24 VDC, PNP/high-level output, 0.5A/channel; 1 × RS485, supports Modbus RTU/ASCII and free-port protocol conversion to EtherCAT

IP67 Series

IP67 Remote I/O



- Stable and reliable

all-metal enclosure, IP67 protection; EMC immunity levels exceed IEC 61131-2 requirements.

- Easy to use

standard wiring and simple installation.

- Easy to maintain and cost-effective

non-potted construction reduces maintenance costs.

- Stable supply:

designed and manufactured by ODOT.



Ordering Code

Model	Description
IO-Link Master Modules	
IP-PN-8IA	PROFINET IO-Device/IO-Link master module, 8 Class A IO-Link ports, configurable for up to 16DI or 16DO
IP-EC-8IA	EtherCAT slave/IO-Link master module, 8 Class A IO-Link ports, configurable for up to 16DI or 16DO
IO-Link Device Modules	
IP-IA-8DIP8DOP	IO-Link device, Class A, 24 VDC, 8DI, PNP/high-level input + 8DO, PNP/high-level output
IP-IA-8DIN8DON	IO-Link device, Class A, 24 VDC, 8DI, NPN/low-level input + 8DO, NPN/low-level output
IP-IA-16DIPDOP	IO-Link device, Class A, 24 VDC, 16 configurable DI/DO channels, PNP/high-level
IP-IA-16DINDON	IO-Link device, Class A, 24 VDC, 16 configurable DI/DO channels, NPN/low-level
IP-IA-16DIN	IO-Link device, Class A, 24 VDC, 16DI, NPN/low-level input
IP-IA-16DIP	IO-Link device, Class A, 24 VDC, 16DI, PNP/high-level input

PRO Series

Signal Isolators with Surge Protection



- Stable wide-range power input for demanding field conditions
 20-30 VDC input and industrial screw terminals.

○ Multiple protection features
 integrated EMC protection on power/signal channels suppresses surges, ESD, and common electromagnetic interference.
- Low power consumption and low temperature rise
 optimized circuitry/internal layout extend component service life.

○ Three-year warranty
 reliable design, component selection, and manufacturing support long-term system operation.

Ordering Code

Model	Description
PRO-IS1-AI11AA	Current-input signal isolator with surge protection, 1 input/1 output
PRO-IS1-AI12AA	Current-input signal isolator with surge protection, 1 input/2 outputs
PRO-IS1-AI11AA-H	Current-input signal isolator with surge protection, 1 input/1 output, HART-transparent
PRO-IS1-T11TA	RTD/thermocouple-input signal isolator with surge protection, 1 input/1 output
PRO-IS1-AO11AA	Current-output signal isolator with surge protection, 1 input/1 output

PS Series

AC-DC DIN-Rail Switching Power Supply



- Input voltage range: 90-264 VAC / 127-370 VDC
- Operating temperature up to 70 °C
- Low output ripple and noise
- Power-output LED indicator
- Adjustable output voltage
- Output short-circuit, overcurrent, overvoltage, and overtemperature protection
- Mounts on TS-35/7.5 or TS-35/15 DIN rails
- Natural air cooling

Ordering Code

Model	Description
PS-ADR1L-75-24	Power: 75 W; output voltage: 24 V; metal enclosure; operating temperature: -25 °C to 70 °C; dimensions: 32 × 132.2 × 123.4 mm
PS-ADR1L-120-24	Power: 120 W; output voltage: 24 V; metal enclosure; operating temperature: -20 °C to 70 °C; dimensions: 32 × 132.2 × 123.4 mm
PS-ADR1G-240-24	Power: 240 W; output voltage: 24 V; metal enclosure; operating temperature: -40 °C to 70 °C; dimensions: 41 × 132.2 × 123.4 mm

ODOT

Protocol Converters



2-Channel Modbus RTU/ASCII to PROFINET Gateway ODOT-PNM02 V2.0 / V2.1



Metal enclosure; operating temperature: -40°C to 85°C.

2 independent serial ports supporting RS485/RS232/RS422 interfaces.

Supports Modbus RTU/ASCII master/slave modes.

Supports free-port transparent transmission in active-reporting/request-response modes.

Maximum input data: 1,440 bytes; maximum output data: 1,440 bytes.

Supports PROFINET RT; IRT/MRP not supported; one-button reset.

PNM02 V2.0: up to 50 commands; PNM02 V2.1: up to 200 commands (IO Config required).



ODOT-PNM02 V3.0 / V3.1



Flame-retardant plastic enclosure; operating temperature: -20°C to 60°C; OLED display.

Backward compatible: V3.0 with V2.0 functions; V3.1 with V2.1 functions.

2 serial ports supporting RS485/RS232/RS422 interfaces.

Supports Modbus RTU/ASCII master/slave modes.

Supports free-port transparent transmission in active-reporting/request-response modes.

Maximum input data: 1,440 bytes; maximum output data: 1,440 bytes.

Supports PROFINET RT; IRT/MRP not supported; one-button reset.

PNM02 V3.0: up to 50 commands; PNM02 V3.1: up to 200 commands (IO Config required).



1-Channel Modbus RTU/ASCII to PROFIBUS DP Slave Gateway ODOT-DPM01



Rugged metal enclosure, 35 mm DIN-rail mounting, built-in optical isolation for serial signals.

Selectable RS485/RS422/RS232 serial interface.

Supports Modbus RTU/ASCII master/slave modes.

Operating temperature: -40°C to 85°C.

PROFIBUS DP: max. input 244 bytes, max. output 244 bytes, max. combined I/O 288 bytes.

ODOT

Protocol Converters



ODOT-S2E2: 2-Channel Modbus RTU/ASCII to Modbus TCP Server Gateway
 ODOT-S4E2: 4-Channel Modbus RTU/ASCII to Modbus TCP Server Gateway

ODOT-S2E2/S4E2



Rugged metal enclosure, 35 mm DIN-rail mounting, built-in optical isolation for serial signals.

Supports up to 10 simultaneous TCP client connections.

S2E2: 2 × RS485; S4E2: RS485/RS232/RS422 interfaces.

Each serial port supports Modbus master/slave modes.

One-button reset.

Gateway modes: transparent transmission/address mapping.



CANopen to Modbus TCP Protocol Converter MG-CANEX



Dual Ethernet ports with built-in switch functionality for network cascading.

2 kV Ethernet-port isolation, 10/100 Mbps auto-negotiation, Auto-MDI/MDIX.

Address mapping for fast TCP-client response; supports up to 5 TCP clients.

6 KB data buffer.

CAN interface supports CANopen master mode.

Built-in diagnostics with real-time communication-status monitoring; one-button reset/factory reset.

EMC compliance: EN 55022:2010/EN 55024:2010.

ODOT

Protocol Converters



RS232/RS485/RS422-to-TCP/UDP Converter

ODOT-S1E1 V2.0



Metal enclosure; operating temperature: -40°C~85°C; 35 mm standard DIN-rail mounting;

Supports transparent TCP server mode with access by up to 10 clients; supports transparent TCP client mode with connection to 1 server;

Supports transparent UDP transmission;

Supports protocol-aware and protocol-free transparent transmission; protocol-aware mode supports Modbus RTU/ASCII;

Supports parameter configuration through a web browser;

Supports RS485/RS422/RS232 serial interfaces;

Serial baud rate: 1200 bps~115200 bps;



MPI-to-S7 Ethernet/Modbus TCP Server Converter

ODOT-S7MPI V2.0



Installs on a Siemens PPI/MPI/PROFIBUS DP communication port and generally requires no external power supply;

Supports Siemens S7 Ethernet communication drivers, including Micro/WIN, STEP 7, TIA Portal, and WinCC;

Integrated Modbus TCP server; the Modbus data area can be mapped automatically or manually to S7-200/300/400 registers;

Supports simultaneous S7 TCP connections and Modbus TCP communication;

Supports connections to up to 16 host computers;

The MPI-to-S7 Ethernet/Modbus TCP converter supports one-button reset;



Scan the QR code to access the electronic catalogue and learn more about our products.

ODOT

Industrial Ethernet Switches



Industrial 5/8-Port Fast/Gigabit Ethernet Switches

IES-ST SERIES

- 1 Mbit packet buffer for smooth 4K video transmission.
- Large backplane bandwidth and packet buffer ensure wire-speed forwarding on all ports.
- High-strength metal enclosure with a fanless, low-power design.
- Vibration-resistant DIN-rail/wall mounting; plug and play.



Ordering Code

Model	Description
IES-ST005F-003	Up to 5 10/100 Mbps copper Ethernet ports; supports IEEE 802.3/802.3u/802.3x; store-and-forward switching; IP40 protection; backplane bandwidth: 1 Gbps; packet forwarding rate: 0.74 Mpps; network storm suppression
IES-ST005G-003	Up to 5 10/100/1000 Mbps copper Ethernet ports; supports IEEE 802.3/802.3u/802.3x/802.3az/802.3ah; store-and-forward switching; IP40 protection; backplane bandwidth: 10 Gbps; packet forwarding rate: 7.44 Mpps; network storm suppression
IES-ST008F-003	Up to 8 10/100 Mbps copper Ethernet ports; supports IEEE 802.3/802.3u/802.3x; store-and-forward switching; IP40 protection; backplane bandwidth: 1.6 Gbps; packet forwarding rate: 1.19 Mpps; network storm suppression
IES-ST008G-003	Up to 8 10/100/1000 Mbps copper Ethernet ports; supports IEEE 802.3/802.3u/802.3x/802.3az/802.3ah; store-and-forward switching; IP40 protection; backplane bandwidth: 16 Gbps; packet forwarding rate: 11.9 Mpps; network storm suppression



5/8-Port Industrial Unmanaged Ethernet Switches

ODOT-MS100T/G SERIES

- Metal enclosure; supports 35 mm DIN-rail mounting; plug and play.
- Operating temperature: -20°C~70°C; suitable for various industrial environments; IP20.

Ordering Code



Model	Description
ODOT-MS105T	5 × 10/100 Mbps ports; dimensions: 30 × 110 × 80 mm; MAC address table: 2K; current consumption: Max. 50 mA@24 V.
ODOT-MS108T	8 × 10/100 Mbps ports; dimensions: 40 × 110 × 80 mm; MAC address table: 2K; current consumption: Max. 80 mA@24 V.
ODOT-MS105G	5 × 10/100/1000 Mbps ports; dimensions: 30 × 110 × 80 mm; MAC address table: 2K; current consumption: Max. 100 mA@24 V.
ODOT-MS108G	8 × 10/100/1000 Mbps ports; dimensions: 40 × 110 × 80 mm; MAC address table: 4K; current consumption: Max. 140 mA@24 V.

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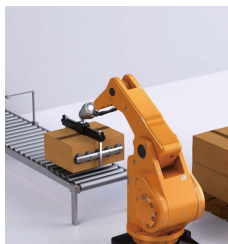
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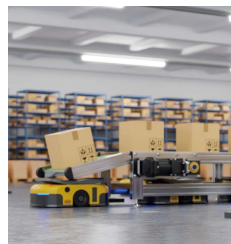
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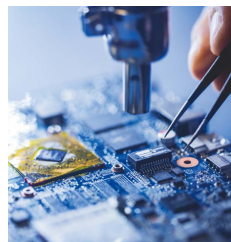
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