

ODOT Automation-C-Series

Codesys PLC

Supports 5 programming languages; Supports multiple industrial communication protocols; Up to 32 I/O module expansion; Wide temperature design



C3351

The controller supporting Modbus RTU/TCP; Program Memory 4M; Programming environment: CODESYS, with a maximum capacity of 32 expansion modules



C4374

The controller supporting Modbus RTU/TCP, EtherCAT, CANOpen; Program Memory 4M; Programming environment: CODESYS, with a max. capacity of 32 expansion modules

ODOT Automation-C-Series

Push-In Remote I/O

C series - the remote IO system consists of network adapter module and extended IO module. The network adapter module is responsible for fieldbus communication, and it could realize the communication with the master controller or host computer software



Network Adapter



I/O Module

- ▶ The product carries ultra-thin design for space saving
- ▶ Spring terminal design for convenient and fast wiring
- ▶ Industrial light guided terminal
- ▶ High-speed 12M CANBUS backplane carrying 32 modules of a refreshing period at 2ms
- ▶ The IO system could carry max. of 32 pcs of IO modules



Network Adapter

CN-8011	Modbus-RTU Bus Adapter
CN-8012	PROFIBUS-DP Bus Adapter
CN-8013	CC-Link Bus Adapter
CN-8021	CANopen Bus Adapter
CN-8022	DeviceNet Bus Adapter
CN-8031	Modbus TCP Network Adapter
CN-8032	PROFINET Network Adapter
CN-8032-L	PROFINET Network Adapter
CN-8033	EtherCAT Network Adapter
CN-8034	EtherNet/IP Network Adapter
CN-8037	CC-Link IE Field Basic Adapter

Remote I/O Module

CT-1218	8DI, PNP/high level active, 24VDC, counter frequency<200Hz
CT-121F	16DI, PNP/high level active, 24VDC, counter frequency<200Hz
CT-1228	8DI, NPN/low level active, 24VDC, counter frequency<200Hz
CT-122F	16DI, NPN/low level active, 24VDC, counter frequency<200Hz
CT-124H ♦	32DI, PNP or NPN/high or low level active, 24VDC, counter frequency<200Hz, 34Pin male connector
CT-124D	32DI, PNP or NPN/high or low level active, 24VDC, counter frequency<200Hz
CT-125F	16DI, PNP/high level active, 24VDC, counter frequency<200Hz, independent power supply
CT-126F	16DI, NPN/low level active, 24VDC, counter frequency<200Hz, independent power supply
CT-1314	4DI, 220VAC input, counter frequency<10Hz
CT-2224	4DO, PNP/high level active, 24VDC@2.2A, independent power supply
CT-2218	8DO, NPN/low level active, 24VDC@0.5A
CT-2228	8DO, PNP/high level active, 24VDC@0.5A
CT-222F	16DO, PNP/high level active, 24VDC@0.5A
CT-222F-NP	16DO, PNP/high level active, 24VDC@0.5A, independent power supply
CT-222H ♦	32DO, PNP/high level active, 24VDC@0.3A, 34Pin male connector
CT-222D	32DO, PNP/high level active, 24VDC@0.5A, independent power supply
CT-221F	16DO, NPN/low level active, 24VDC@0.5A
CT-221H	32DO, NPN/low level active, 24VDC@0.3A, 34Pin male connector
CT-221D	32DO, NPN/low level active, 24VDC@0.25A, independent power supply
CT-2244	4-channel digital output, 0.5A/PNP/24V active, NPN/OV active
CT-225F	16DO, NPN/low level active, 24VDC@0.5A, independent power supply
CT-226F	16DO, PNP/high level active, 24VDC@0.5A, independent power supply
CT-2738	8DO, relay output, 24VDC@1A, with contact protection, channel isolation
CT-2754	4DO, relay output, 24VDC@2A, channel isolation (inductive load:2A, resistive load:3A)
CT-2794	4DO, relay output, inductive load:1A@220VAC, resistive load:2A@220VAC, channel isolation
CT-3134	4 AI 0~5VDC, 5~5VDC, 0~10VDC, 10~10VDC16 bits, Single-end, channel isolation
CT-3168	8 AI 0~5VDC, 5~5VDC, 0~10VDC, 10~10VDC16 bits, Single-end
CT-3234	4 AI 0&4~20mA/15 bits

Remote I/O Module

CT-3238	8 AI 0&4~20mA/15 bits
CT-3268	8 AI 0~20mA1~20~0mA /+20mA /16 bits,single ended
CT-3274	4 AI 0&4~20mA,16 bits, Input Accuracy:full ±0.1@25°C,±0.3 @-35~70°C,channel isolation
CT-3713	3-channel RTD (Resistance Temperature Detector) input, RTD-PT100
CT-3723	3-channel RTD (Resistance Temperature Detector) input, RTD-PT1000
CT-3716	6-channel RTD (Resistance Temperature Detector) input, RTD-PT100
CT-3726	6-channel RTD (Resistance Temperature Detector) input, RTD-PT-1000
CT-3734	4 AI(RTD-PT100) with channel isolation, Input accuracy : 0.5°C
CT-3744	4 AI(RTD-PT1000),Input Accuracy: 0.5°C, channel isolation
CT-3844	4 AI Thermocouple(TC-J/K/E/T/S/R/B/N)types,filter parameters can adjustable
CT-3848	8 AI Thermocouple(TC-J/K/E/T/S/R/B/N)types
CT-4154	4 AO Voltage Output,0~5VDC, 5~5VDC,0~10VDC, 10~10VDC,16 bits
CT-4158	8 AO Voltage Output,0~5VDC, 5~5VDC,0~10VDC, 10~10VDC,16 bits
CT-4234	4AO, Current output, 0~20mA,4~20mA,16 bits single-end
CT-4238	8AO, Current output, 0~20mA,4~20mA,16 bits single-end
CT-5000	Dummy module , no wiring and no channels
CT-5102	2-channel encoder input, 5V, input frequency < 1.5 MHz
CT-5112	2-channel encoder input, 24V, input frequency < 0.5 MHz
CT-5122	2-channel SSI encoder input, 5V differential, input frequency < 2 MHz
CT-5142	2-channel differential encoder input, 5V differential, input frequency < 10 MHz
CT-5212	8DI, PNP/high level active, and 2DO, PNP/high level active, 24VDC@0.5A, and 2-channel pulse output (pulse and direction /double pulse)
CT-5224	4DI, PNP or NPN/high or low level active, and 4DO, PNP/high level active, 24VDC@0.5A, and 4-channel PWM output, 24VDC@1A, independent power supply
CT-5321	Modbus serial port
CT-5331	CANopen Master
CT-5341	PROFIBUS-DP master
CT-5711	Fieldbus Extended Master Module
CT-5721	Fieldbus Extended Slave Module
CT-5801	End card-mandatory module, take no module channel
CT-623F	8DI, PNP or NPN/high or low level active, 24VDC, and 8DO, PNP/high level active, 24VDC@0.5A
CT-7100	Field Expansion power Supply,24VDC/8A
CT-7220	Expansion power Supply(System power input 24VDC,Output 5VDC/2AField power input 24vDc,Output 24VDC/8A)
CT-7221	Expansion power Supply(System power input 24Vdc,Out-put 5VDC/2A/Fieldpower input 24VDC,Output 24vDc, Output 24VDC/8A)(need slot occupied)
CT-730F	18 CH filed power distribution module OVDC
CT-731F	18 CH filed power distribution module 24VDC
CT-732F	18 CH filed power distribution module PE
CT-7339	18 CH filed power distribution module 24VDC/0VDC
CT-7346	18 CH filed power distribution module 24VDC/0VDC PE

“♦” Product, support 2.54mm pitch 20P/34P in-line male connector, you need to choose the connector and wiring, please consult our sales