XINJE

EtherCAT | CANopen | Ethernet | CODESYS

XG-P75-E XS3-26T4 XG-16X XG-16YR XG-16YT

XDH-60A32-E

XLH-30A32

Programmable Controller XD / XL / XG / XS

Super product lineup • Provide all-round control solutions

XINJE
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Industrial automation trusted partner

CODESYS High Performance Type

XSDH Series

The small-sized PLC developed based on Codesys platform can significantly improve the programming efficiency and support the PLCopen programming specification. Many standard function libraries can be referenced to develop proprietary function blocks and instruction libraries.

① EtherCAT motion control
② Support EtherCAT remote IO
③ 32 channels electronic CAM
④ Ethernet communication
⑤ Online downloading

Performance specification

Product series XSDH-		60A32
Main body I/O	Total points	60
	Input points	36
	Output points	24
Max I/O points		572
High speed positioning	General pulse output	4 axes (not supported right now)
	Differential pulse output	-
High speed input	Single/AB phase mode	4 channels
	Input mode	OC
Expansion ability	Right expansion module	16
	Left expansion module	1
	BD board	1
External interrupt		10
Communication function	Communication port	1 RS232 ports, 1 RS485 port, 2 RJ45 ports
	Communication protocol	Standard Modbus ASCII/RTU communication, Ethernet IP, TCP / IP, UDP, OPC UA, free format protocol
Bus function		EtherCAT bus control (up to 32 nodes)
Programming method		ST, SFC, FBD, CFC, LD and IL
Main processor		Cortex-A8, main frequency 1GHz
User program capacity		32MB
Data capacity		32MB (including power off holding 6MB)

XSDH series model list

	Model					
	AC power supply			DC power supply		
	Relay output	Transistor output	Transistor relay mixed output	Relay output	Transistor output	Transistor relay mixed output
NPN type	-	XSDH-60A32-E	-	-	-	-

Special for Ship Navigation

CCSD Series

It has passed the certification of China Classification Society and is applicable to ships and offshore facilities. It has passed relevant EMC tests to ensure the stable and reliable operation of the system.

① Program capacity 384KB
② I/O sequential control
③ Max I/O 572 points
④ Basic instruction 0.02~0.05us
⑤ RS232, RS485
⑥ X-NET fieldbus
⑦ X-NET motion bus
⑧ 4 channels high speed counter (single phase up to 80KHz, AB phase up to 50KHz)
⑨ 2 axes 100KHz pulse output

Performance specification

Product series CCSD-		C32T	C60T
Main body I/O	Total points	32	60
	Input points	18	36
	Output points	14	24
Max I/O points		544	572
High speed positioning	General pulse output	2 axes	2 axes
	Differential pulse output	-	-
High speed input	Single/AB phase mode	4 channels	4 channels
	Input mode	OC	OC
Expansion ability	Right expansion module	16	16
	Left expansion module	1	1
	BD board	1	2
Interruption	External interrupt	10	
	Timing interrupt	20	
	Other interrupts	High speed counting interrupt, pulse interrupt	
Communication function	Communication port	2 RS232 ports (COM1 is X-NET communicationby default), 1 RS485 port	
	Communication protocol	Standard Modbus ASCII/RTU communication, free format communication	
Bus function		X-NET fieldbus, X-NET motion bus	
PWM pulse width modulation		Support	
Frequency measurement		Support	
Precise timing		26 points ET0~ET25 (only even numbers can be used)	
Multi-station control		-	
Program execution mode		Cyclic scanning mode	
Programming method		Instruction, ladder diagram, C language	
Power off holding		Use FlashROM and lithium battery (3V button battery)	
Basic instruction processing speed		0.02~0.05us	
User program capacity (secret download mode)		384KB	