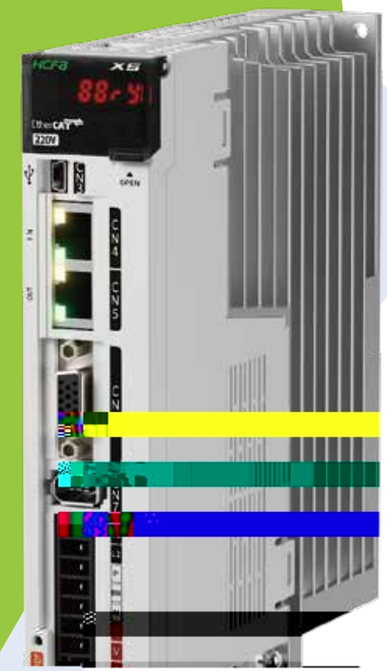
进阶交流伺服驱动样本



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Headquarters: No. 5, Goodwill Road, Longyou Industrial Park, Quzhou City, Zhejiang Province

299

Hangzhou R & D Center: No. 299 Lixin Road, Qingshanhu Street, Hangzhou City, Zhejiang Province

2026 3

EtherCAT®

X5-SERVO

X5

DB(Dynam

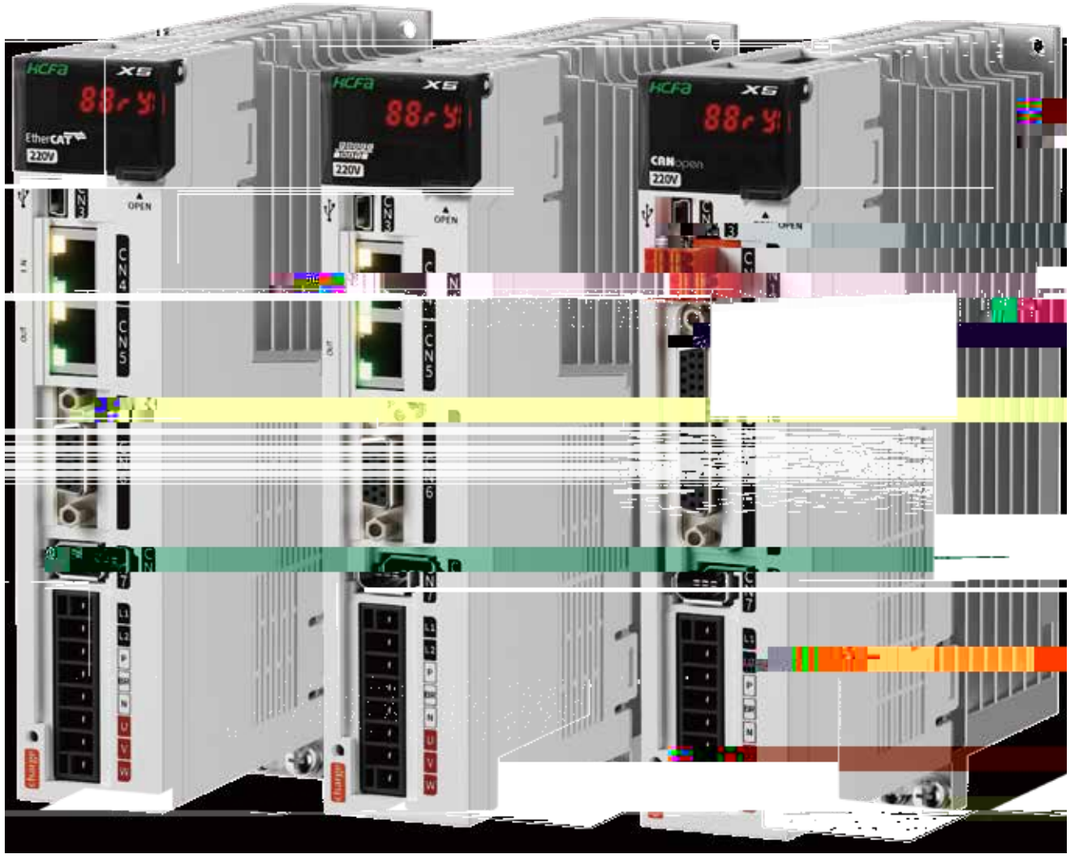
STO(Sa

丰富的

运动控制总线

EtherCAT X5

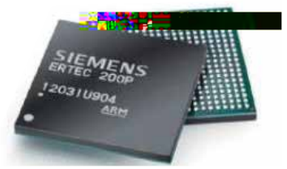
CANOPEN PROFINET



X5 FR PROFINET 总线伺服

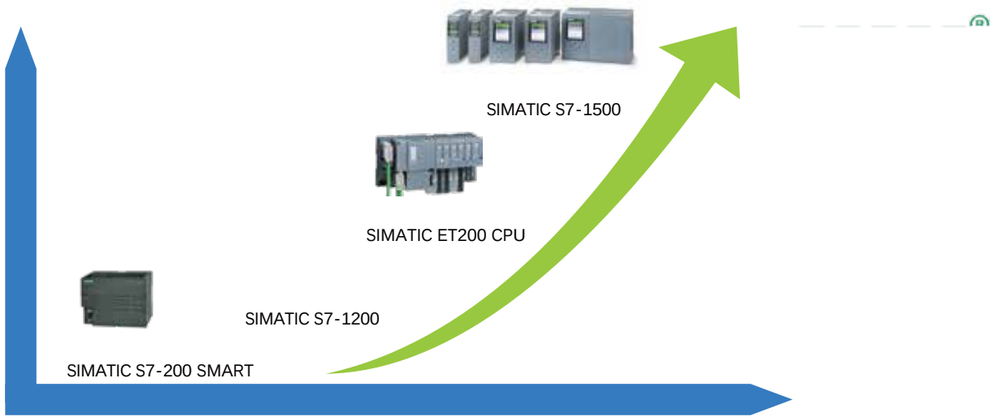
满足市场对 PROFINET 总线生态的产品需求

- ERTEC200P



- 23BIT
-
-

	1	2	3	5	7	9	102	105	110	111	750
	√		√	√	√	√	√	√		√	√



- PROFIDRIVE

  X5PN S7-200 Sma r S7-1200 S7-1500 Simotion PN PLC

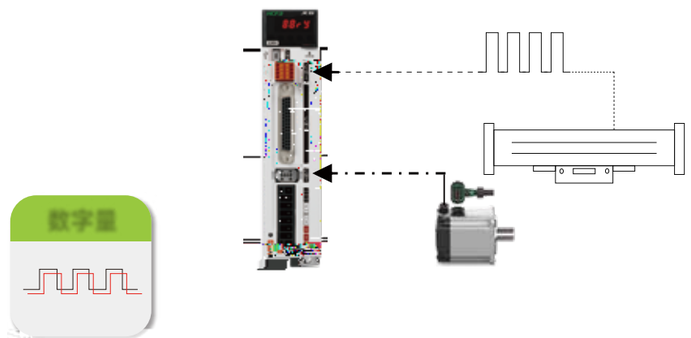
- 500us

传输距离	实时通讯	等时通讯	同步周期
100 米	RT	IRT	500 µs

简单易用

P21.11

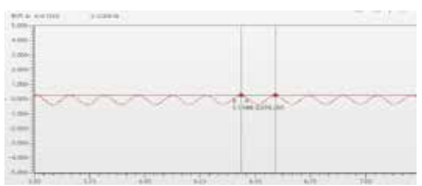
FA

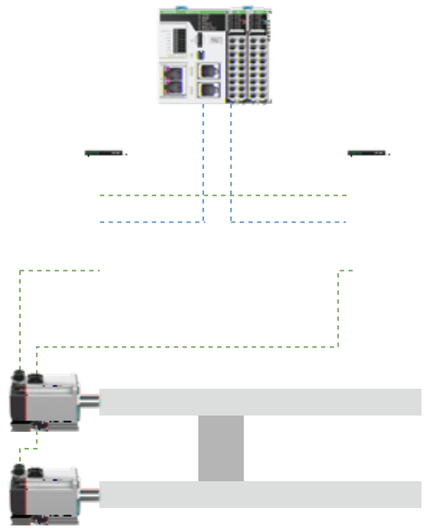


FA

P00.03 0~31

P02.02





CN1	5V	
	GND	
	A+	5M 4
	A-	
	B+	
	B-	
	PE	

安全优化设计

		0~55
		-20~65
		20~80%RH
		20~80%RH
		1000m 1000m
		5.8m/s2 0.6G 10～60Hz 用
		-FG AC1500V1

				FTřĻ0< Ê		<ĚŻ¢ŅĻŻ	¼¿¢Xâ{FÊ
		X	F	X;	F;	F{	X¿
	CN1	✓	-	-	-	-	-
	CN2 STO	✓	-	✓	-	-	✓
	CN4/CN5	RS485	RS485	EtherCAT	EtherCAT	RS485/CANopen	PROFINET
	CN6 I/O	44pin	44pin	15pin	15pin	44pin	15pin
	PC	USB/RS485	USB/RS485	USB	USB	USB	USB
	I/O	8DI/5DO	8DI/5DO	5DI/3DO	5DI/3DO	8DI/5DO	5DI/3DO
		2AI	2AI	-	-	-	-
		-	-	-	-	-	-
		✓	✓			✓	-
		✓	✓	✓	✓	✓	✓
		✓	-	-	-	-	-
		FA-GS	-	-	-	-	-
		✓	✓	-	-	✓	-

			SVPWM
			9 / / / CANOpen EtherCAT PROFINET
			4 100Hz-5000Hz
		/	SV-X5, [HCS-Studio]
			2 DC24V 1 DC24V FA/FB/FN/FR
			17bit/23bit
			ABZ

				8 DC24V ON 1 2 3 4
				5 DC24V
				4MHz 125ns 200kHz 2.5us
				2 2 (NPN PNP)
				A B CW CCW
				A/B A : 1 1073741824 B : 1 1073741824 /10000000 < A/B < /2.5
				FIR
				A B RS-422 Z RS-422 24V FA/EA/FB-CO/EB-CO/EN
				131071
				8 DC24V ON 1 2 3 4
				5 DC24V
				-10V +10V ±10V
				1 P03.09 P03.10 2 P03.11 P03.12 DI P_CL N_CL 3 2-TLMTP AI1 AI2 4 3-TLMTP TLMTN AI1 AI2
				1 2 TFFD AI1 AI2
				DI 0~16
				2 ±10V

AC220V

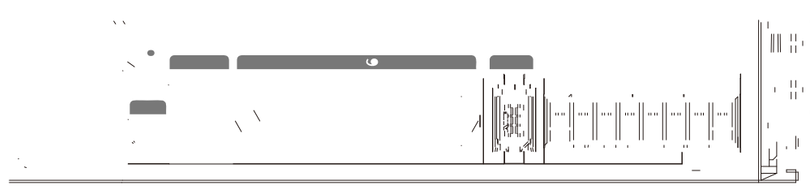
q è		EtherCAT	CANopen	PROFINET		
0.1	SV-X5□A010A-A0-00	SV-X5□B010A-A0-00	SV-X5EN010A-A0-00	SV-X5FR010A-A0-00	AC 220V	
0.4	SV-X5□A040A-A0-00	SV-X5□B040A-A0-00	SV-X5EN040A-A0-00	SV-X5FR040A-A0-00		
0.75	SV-X5□A075A-A0-00	SV-X5□B075A-A0-00	SV-X5EN075A-A0-00	SV-X5FR075A-A0-00		
1	SV-X5□A100A-A0-00	SV-X5□B100A-A0-00	SV-X5EN100A-A0-00	SV-X5FR100A-A0-00		
1.5	SV-X5□A150A-A0-00	SV-X5□B150A-A0-00	SV-X5EN150A-A0-00	SV-X5FR150A-A0-00	AC 220V	AC220V
2	SV-X5□A200A-A0-00	SV-X5□B200A-A0-00	SV-X5EN200A-A0-00	SV-X5FR200A-A0-00		
2.5	SV-X5□A250A-A0-00	SV-X5□B250A-A0-00	SV-X5EN250A-A0-00	SV-X5FR250A-A0-00		

□ **E** **F**

AC380V

q è		EtherCAT	CANopen	PROFINET		
2	SV-X5□A200T-A0-00	SV-X5□B200T-A0-00	SV-X5EN200T-A0-00	SV-X5FR200T-A0-00	AC 380V	AC380V
3	SV-X5□A300T-A0-00	SV-X5□B300T-A0-00	SV-X5EN300T-A0-00	SV-X5FR300T-A0-00		
5	SV-X5□A500T-A0-00	SV-X5□B500T-A0-00	SV-X5EN500T-A0-00	SV-X5FR500T-A0-00		
7.5	SV-X5□A750T-A0-00	SV-X5□B750T-A0-00	SV-X5EN750T-A0-00	SV-X5FR750T-A0-00		

□ **E** **F**



CHARGE

AC380V

AC380V

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- ASIC SOC
- AMR /