

HCFA

创新

服务 信



HCFA



ATC

0 32 2 6

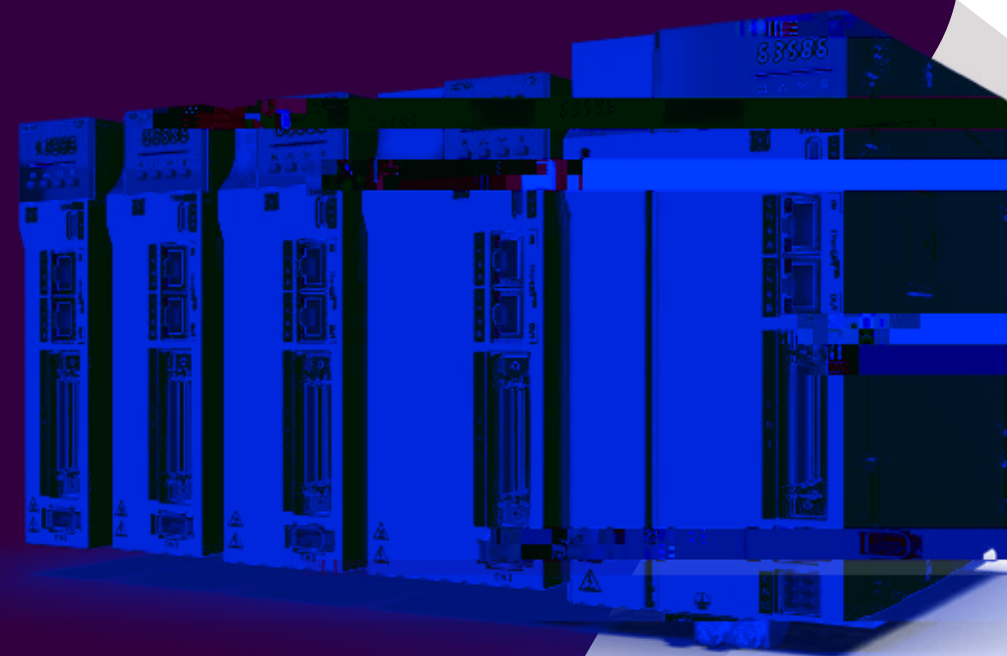
EtherCAT®

MECHATROLINK® MECHATROLINK

Y7 Smart-SERVO

高阶交流伺服系统

EtherCAT



HCFA

— 禾川科技 —

5

5 years warranty

5 years warranty

Smart

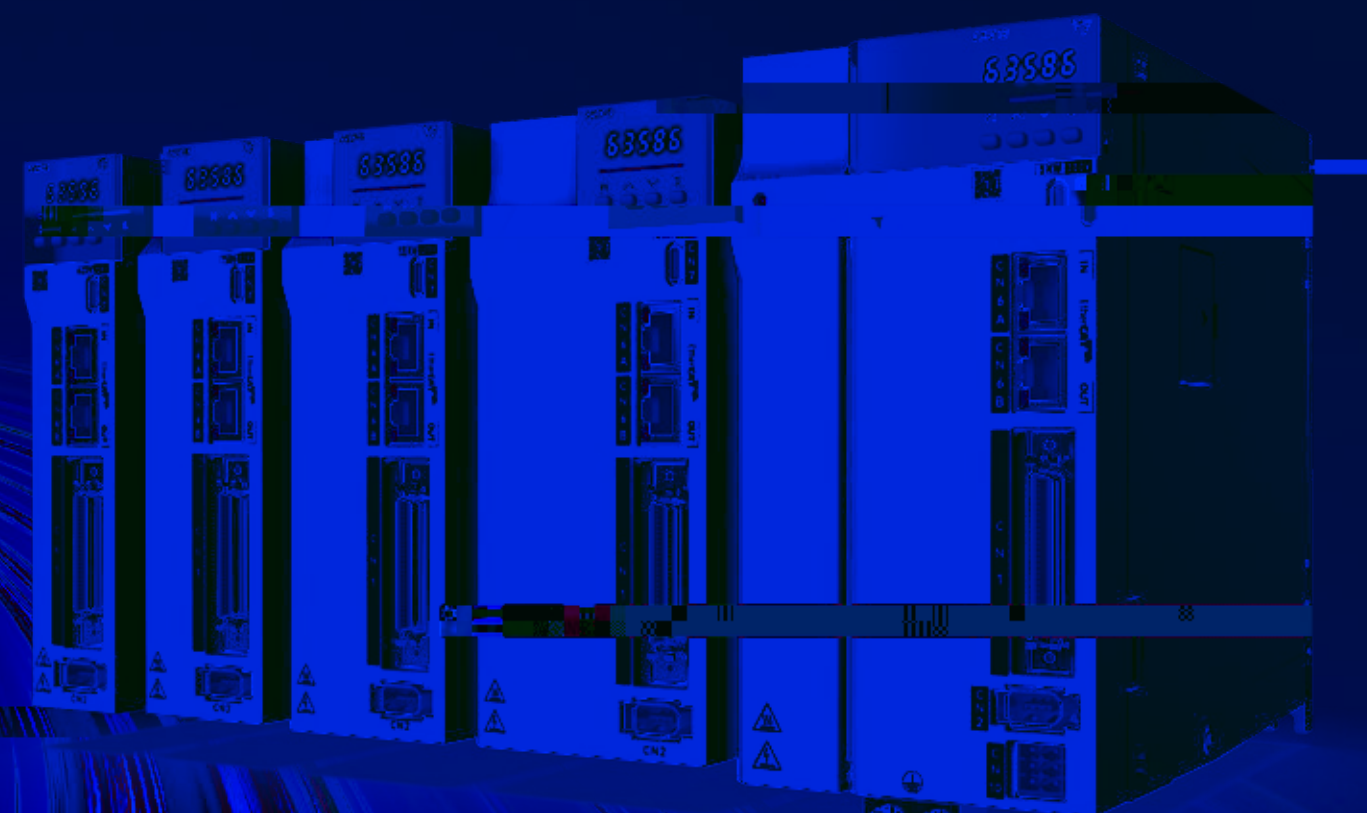
Strong

Super

“ ”

Safety

Satisfied



SHN-Y7

SHN-Y7

SHN-Y7



Smart 智能夹活!

HN-Y7 E A 300 T - S - XXX
1 2 3 4 5 6

1	
N	
E	
F	

2	
A	
B	EtherCAT

3				
0 0		00V		
0 0	2	00V	2	
4 0 0		4 00V		
0	7	50V	7	
00		kW		
0		5kW		
00 2		kW	2	
00 3		00V	3	
00		5 00V		
00	6	00V	6	
0	7	5kW	7	
		kW		
		5kW		
22		kW	22	

4				
A		AC 0	22	
T		AC 0	83	

5				
S		Smar		

6				
U		UL	1	

5

5

5

5

5

5

1:UL EtherCAT

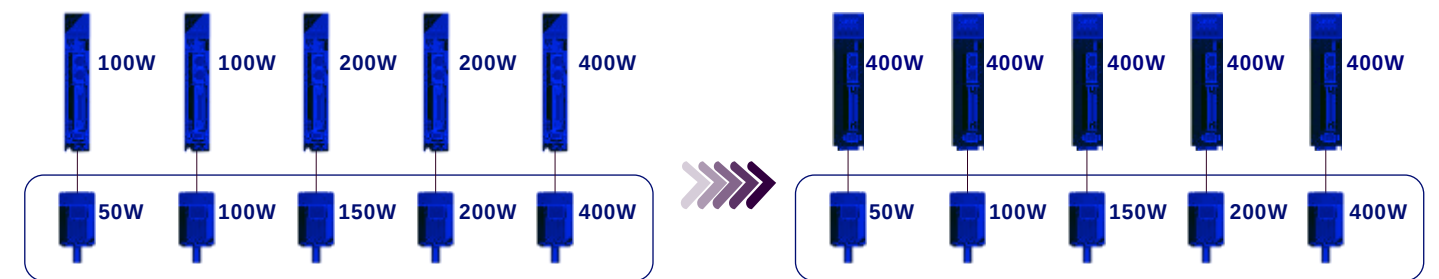
EtherCAT [-S-U]
UL111 11
1 1 1
1

• AC220V 400W 2kW

• AC380V 750W 22kW

Y7S X2/X6 220V 50W~2kW 380V 750W~22kW 20 80+

400W



Y7

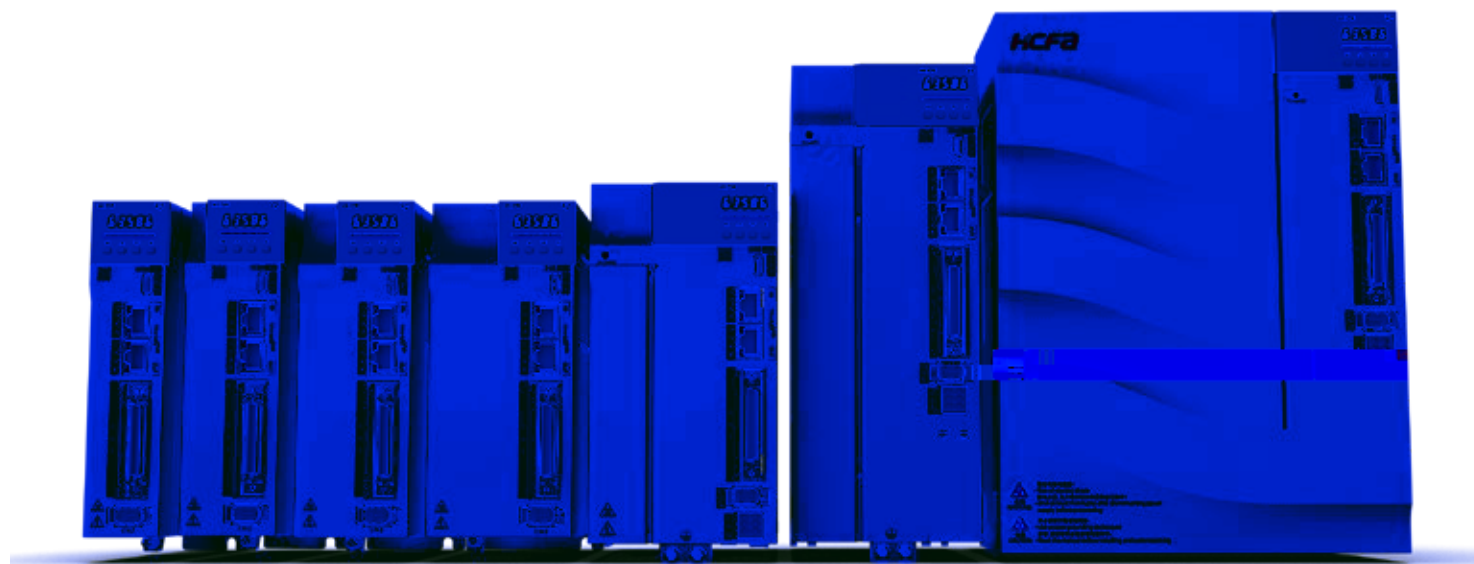
Y7S

400W

400W

BOM

Strong



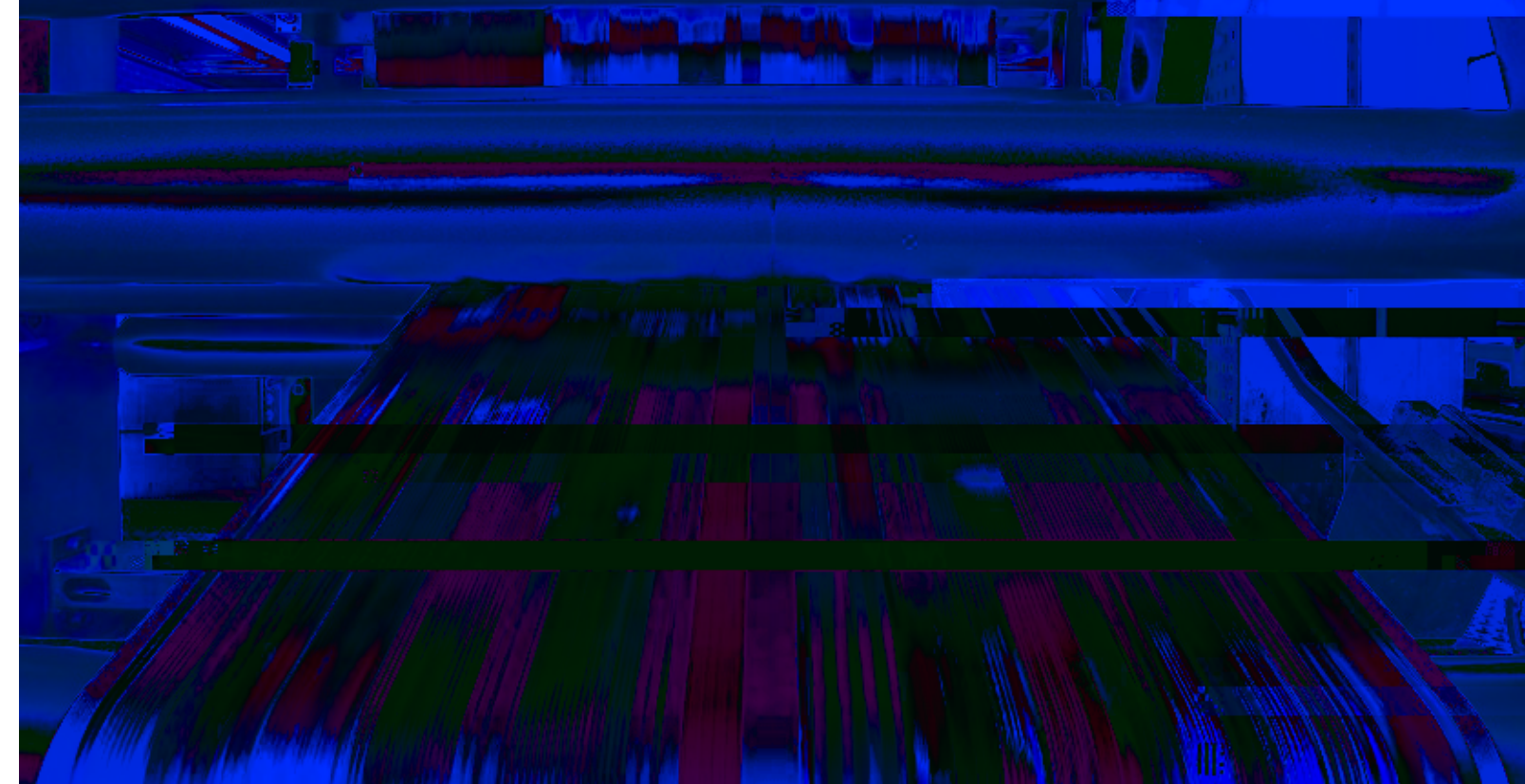
S

Y7

3.5kHz

20bit

25bit¹



3.5kHz
最高转速

20BIT
最高分辨率

23/25BIT¹
最高分辨率

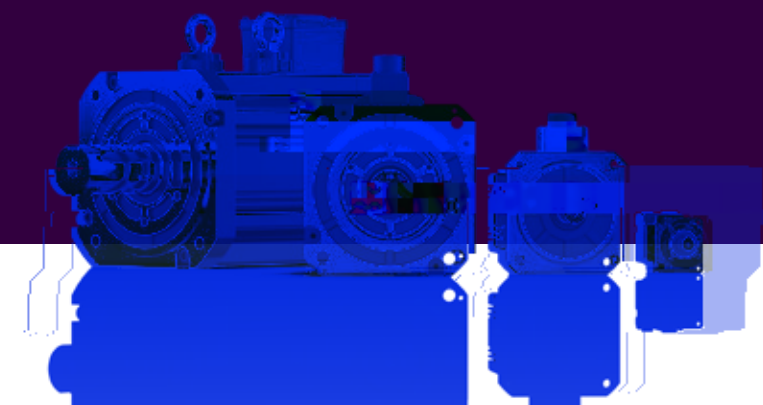
更高转速，更高转矩实现更快的响应！

7000
rpm

5000
rpm

350
%

300
%

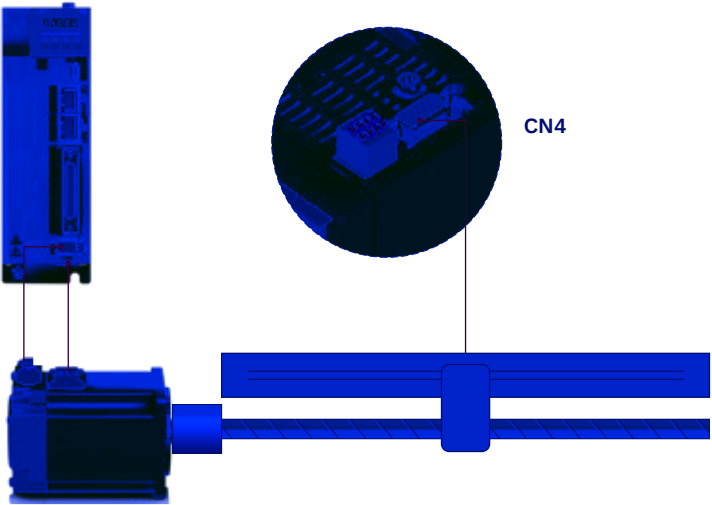
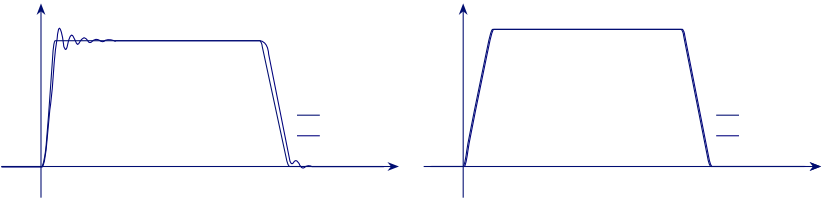


XY



3 100Hz
3 100Hz~5000Hz
6 100Hz~5000Hz
3 100Hz

OFF	ON
	— —



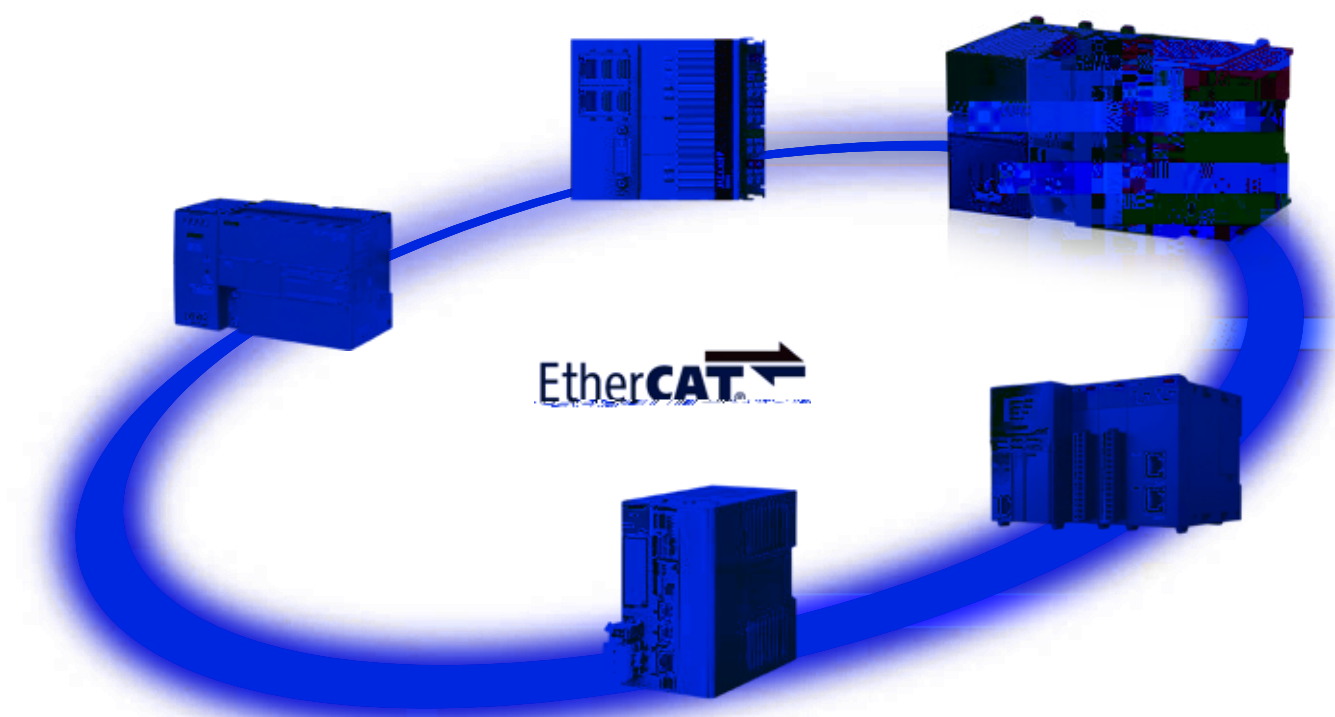
Strong 强劲!



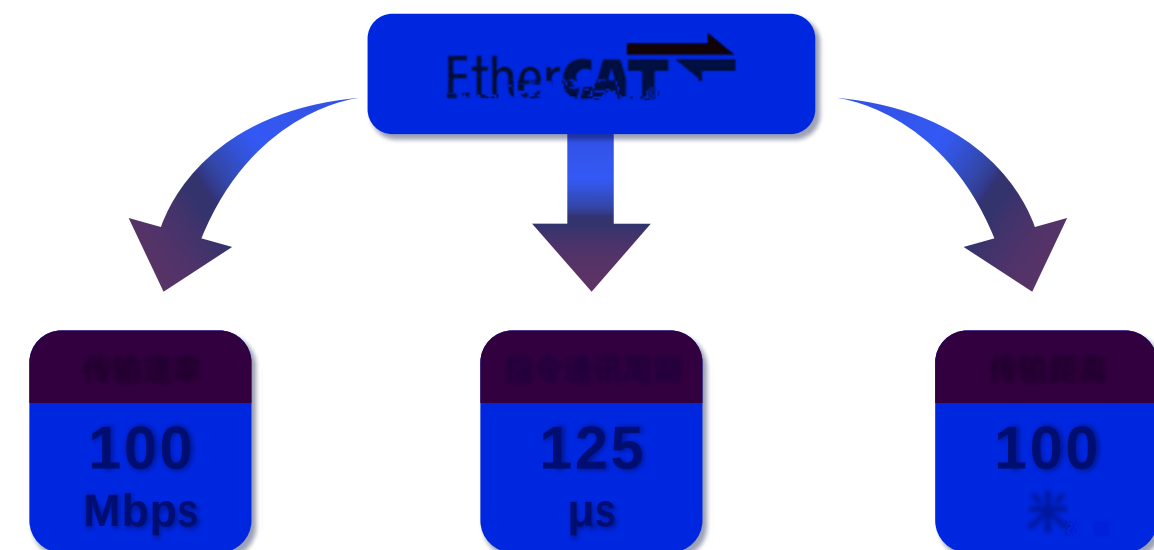
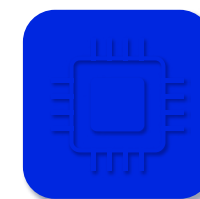


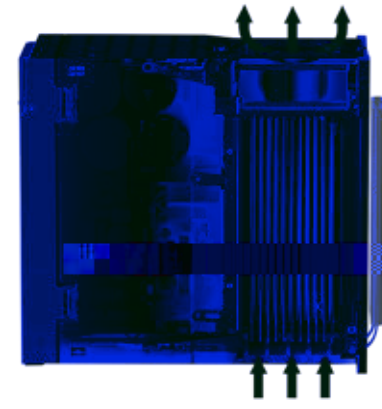
Super 超级!

随“芯”所控
的超级运动总线



All-in-one



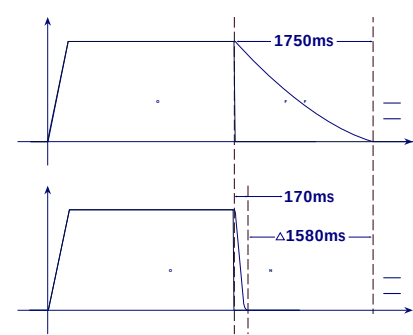


STO Safe Torque Off



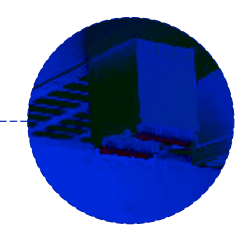
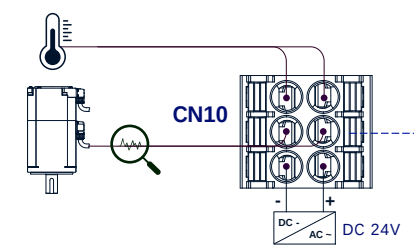
DB Dynamic Brake

OFF



TD(Temperature Detection)

Y7S



1



BD(Brake Detection)

Y7S

2

- 1 KTY84
- 2 3kW

A large blue area representing a data distribution or a specific category, with a diagonal line separating it from the rest of the chart.

		Y A S		EtherCAT	HN Y B S	
		E	N	F	E	N
CANopen	5DO	7DI / 5DO	7DI / 5DO	5DI / 2HDO / 3DO	5DI / 3DO	-
	2 AI	2 AI	-	2 AI	-	-
	1 AO	1 AO	-	1 AO	1 AO	-
	✓	✓	✓	✓	-	-
	✓	-	-	✓	-	-
	✓	-	-	✓	✓	-
	✓	✓	-	✓	✓	-
	✓	✓	-	✓	✓	✓
RS485	✓	✓	-	-	-	-
	✓	✓	-	✓	✓	-

HN-Y7E□***A-S ⁻¹			040	075	100	150	200
(kW)			0.4	0.75	1.0	1.5	2.0
(Arms)			2.8	5.5	7.6	11.6	15.6
(Arms)			9.3	16.9	17	28	39
	(Vrms)	/	AC200~240V	50/60Hz	AC200~240V 50/60Hz		
	(Arms)	2.5	4.1	5.7	7.3	10	
		(Ω)	-	50	50	50	20
		(W)	-	80	80	100	100
	(Ω)		40	40	35	20	20

kW		EtherCAT		
0.4	HN-Y7□A040A-S	HN-Y7□B040A-S	AC / 220V	
0.75	HN-Y7□A075A-S	HN-Y7□B075A-S		
1	HN-Y7□A100A-S	HN-Y7□B100A-S	AC 220V	
1.5	HN-Y7□A150A-S	HN-Y7□B150A-S		
2	HN-Y7□A200A-S	HN-Y7□B200A-S		

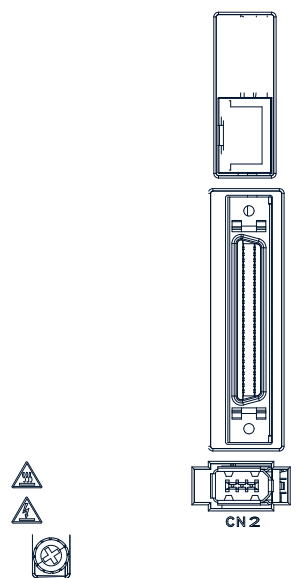
E F N

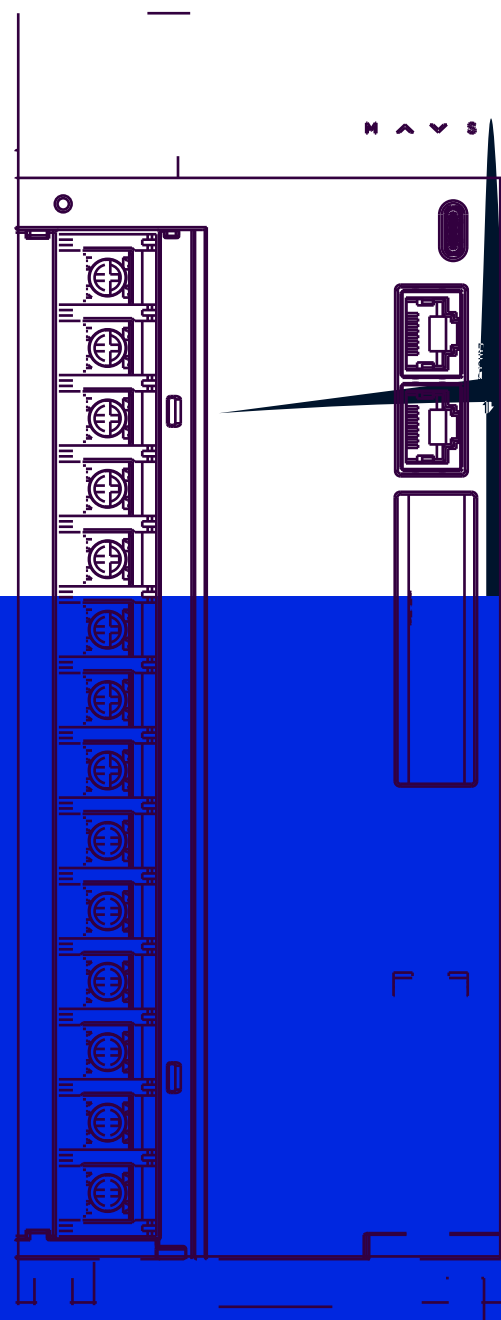
HN-Y7E□***T-S ¹			075	100	150	200	300	500	600	750	111	151	221	
(kW)			0.75	1.0	1.5	2.0	3.0	5.0	6.0	7.5	11	15	22	
(Arms)			3.5	4.7	5.4	8.4	11.9	16.5	20.8	25.7	28.1	37.2	52	
(Arms)			10.5	16.9	17	24	31	44	52	65	70	88	105	
	(Vrms)		AC330~440V,50/60Hz											
	(Arms)		2.1	2.9	4.3	5.8	8.6	14.5	17.4	21.7	23.4	29.6	43.4	
								AC330V~440V,50/60Hz						
		(Ω)	50	50	50	50	40	25	20	20	-	-	-	
		(W)	80	80	80	100	100	100	100	100	100	-	-	-
	(Ω)		40	40	40	40	35	25	20	20	15	10	10	

1 ☐ A ☐ B EtherCAT

kW		EtherCAT		
0.75	HN-Y7□A075T-S	HN-Y7□B075T-S	AC 380V	AC380V
1	HN-Y7□A100T-S	HN-Y7□B100T-S		
1.5	HN-Y7□A150T-S	HN-Y7□B150T-S		
2	HN-Y7□A200T-S	HN-Y7□B200T-S		
3	HN-Y7□A300T-S	HN-Y7□B300T-S		
5	HN-Y7□A500T-S	HN-Y7□B500T-S	AC380V	AC380V
6	HN-Y7□A600T-S	HN-Y7□B600T-S		
7.5	HN-Y7□A750T-S	HN-Y7□B750T-S		
11	HN-Y7FA111T-S	HN-Y7FB111T-S		
15	HN-Y7FA151T-S	HN-Y7FB151T-S		
22	HN-Y7FA221T-S	HN-Y7FB221T-S		

E F N



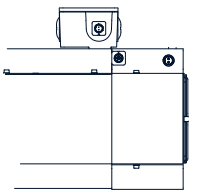
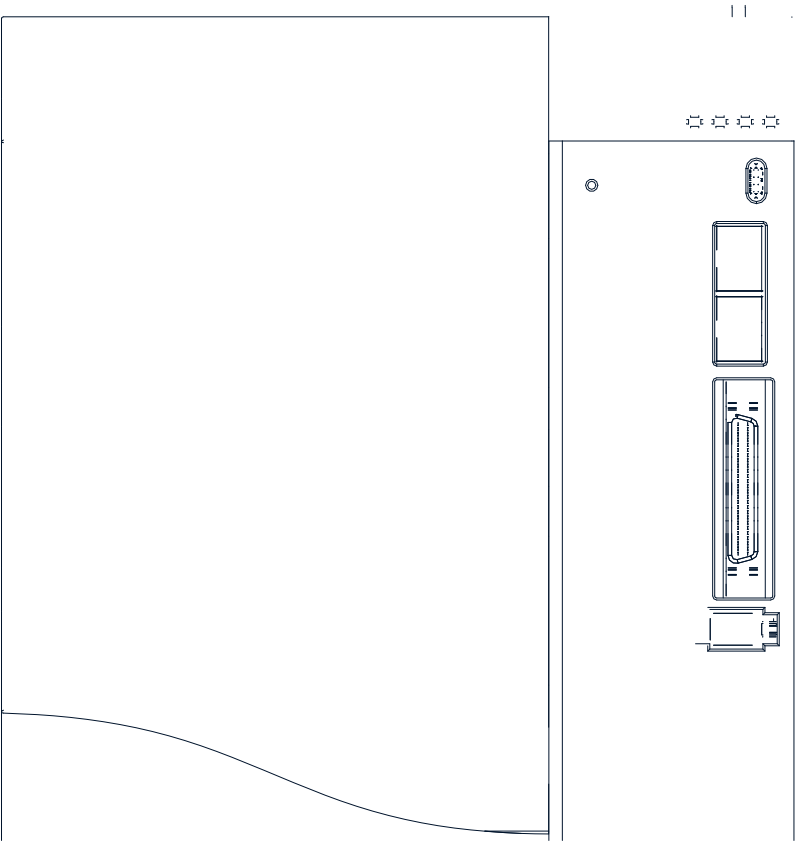


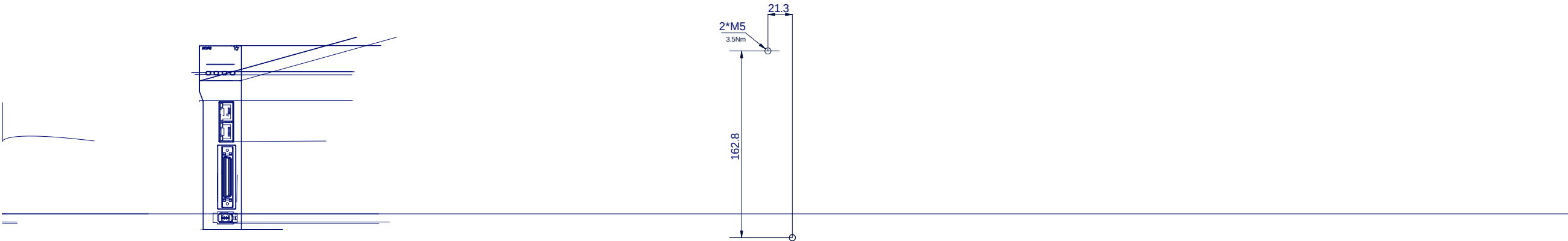
CN7 PC

Type-C

IN

(M/N)





Y7

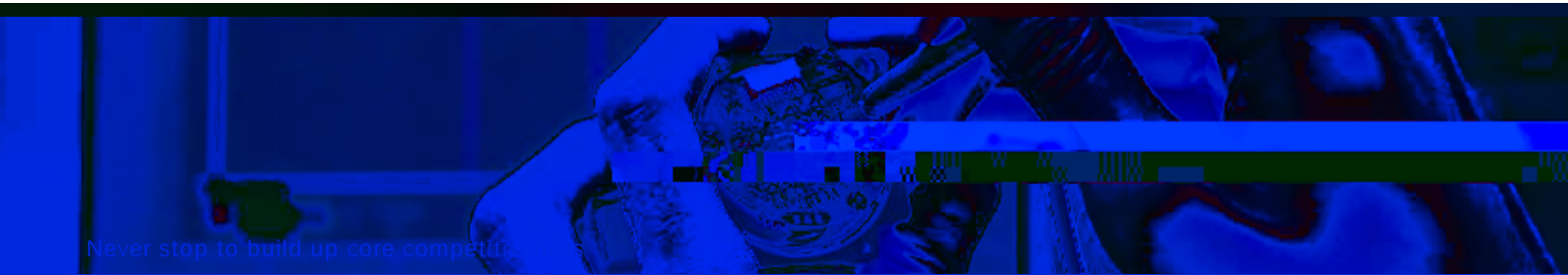
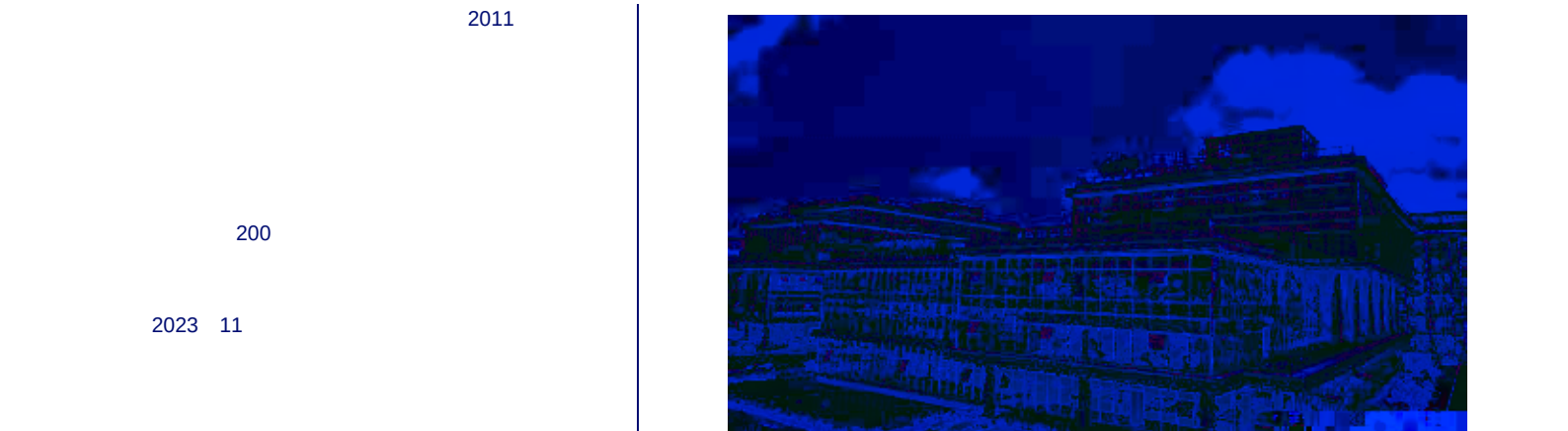
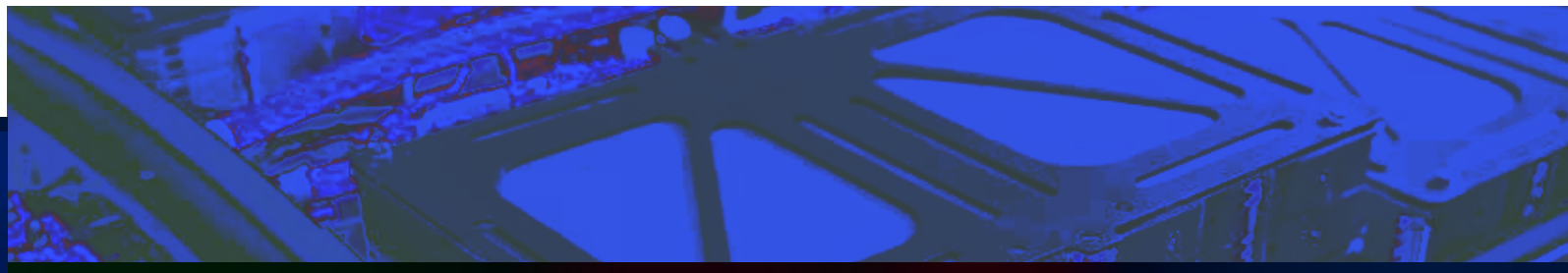
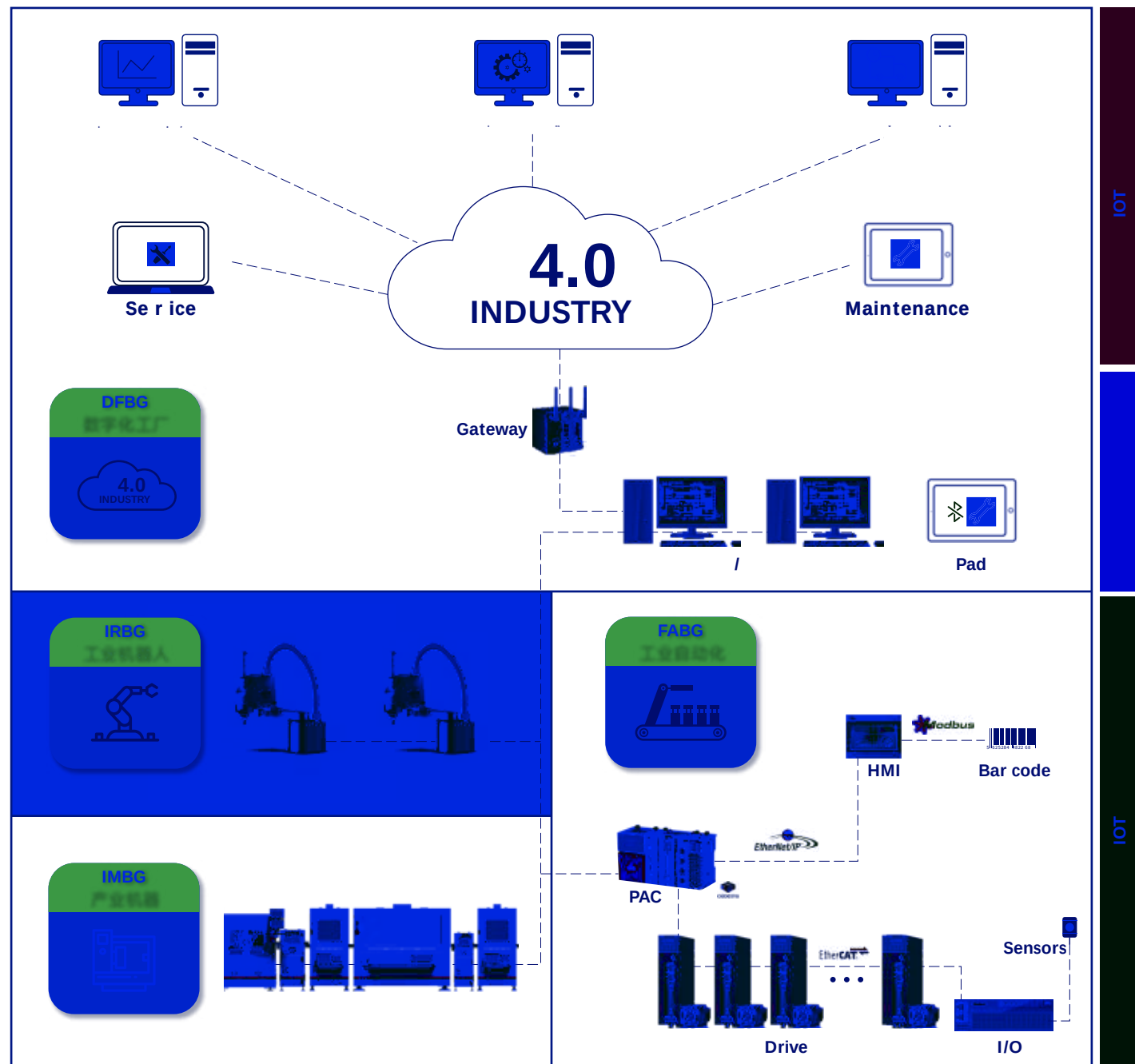
安器装尺



11

+

+



ASIC SOC
AMR /