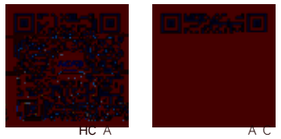
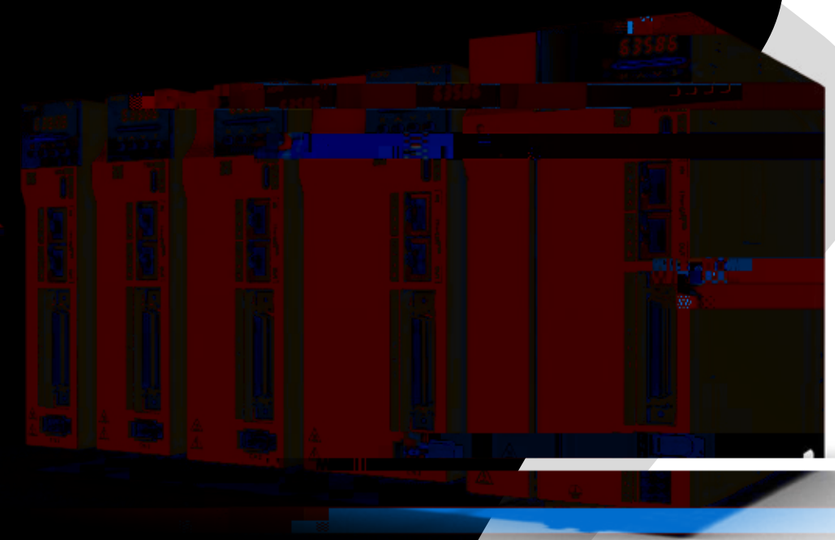
HCFA

创新　　服务　信



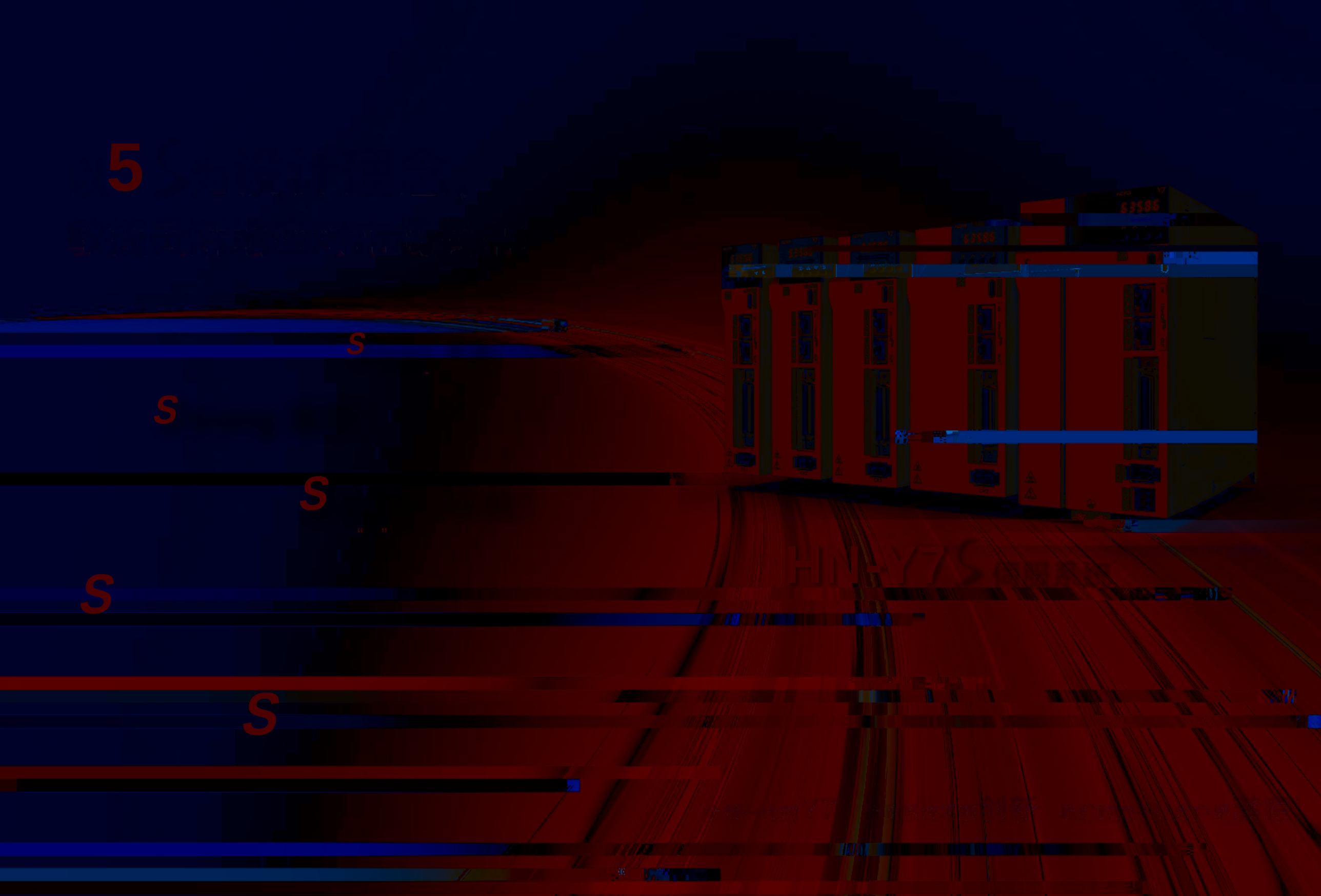
EtherCAT®　　MECHATROLINK®　MECHATROLINK

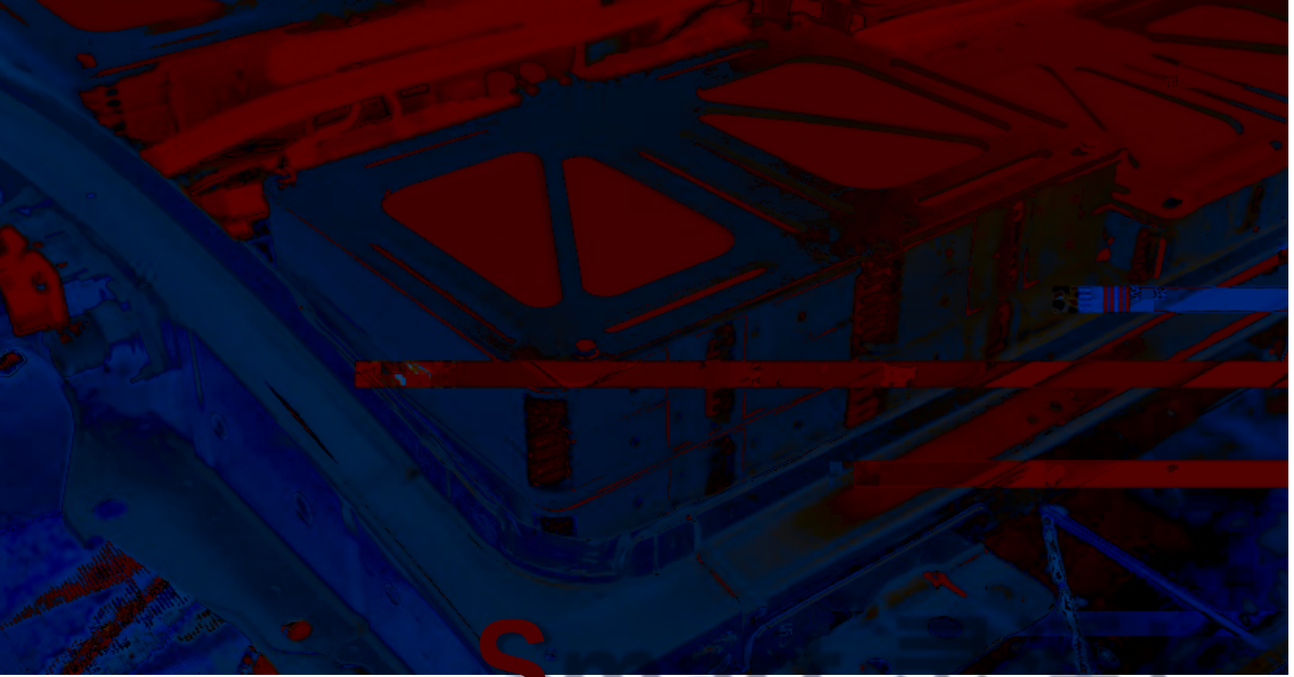
Y7 交流伺服系统 -SERVO



HCFA

— 禾川科技 —





Smart 灵活!

HN-Y7 E A 300 T - S - XXX

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

1

N	
E	

2

A	
B	EtherCAT

3

4

A	AC
	AC

5

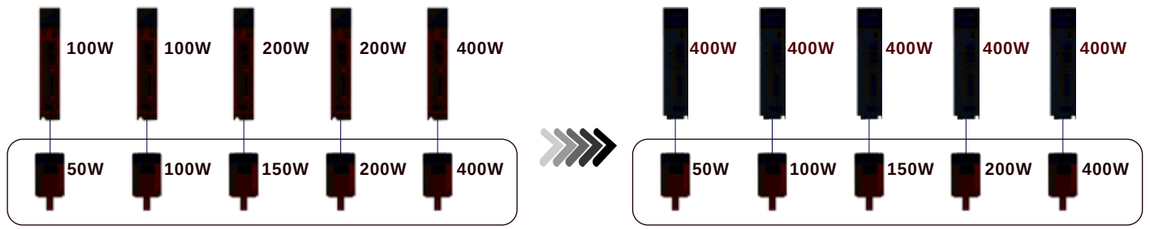
	Smar

6

	UL

EtherCAT [-S-U]
UL

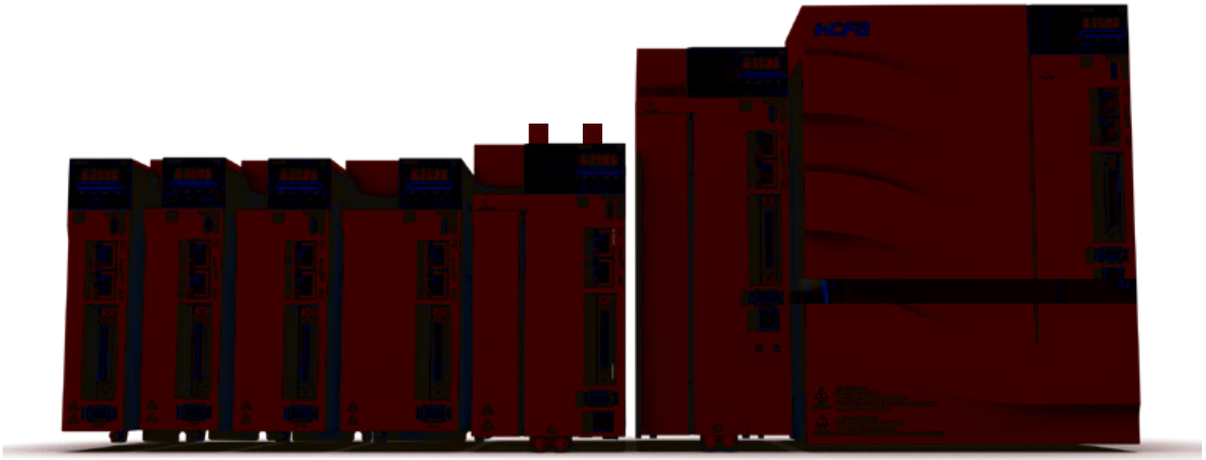
- 400W 2kW
- 750W 22kW



S

Y7 X2/X6 220V 50W~2kW 380V 750W~22kW 20 400W 400W BOM
80+

Strong 强劲!

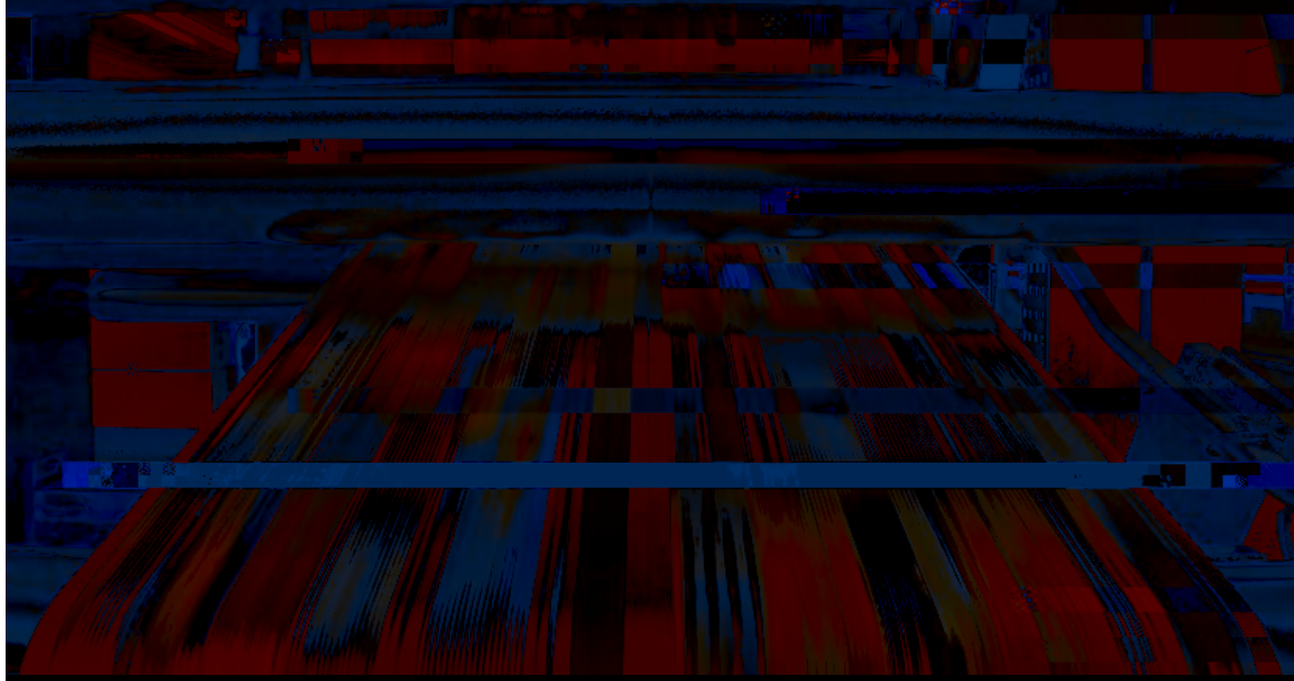


Y7

3.5kHz

20bit

25bit [1]



I B

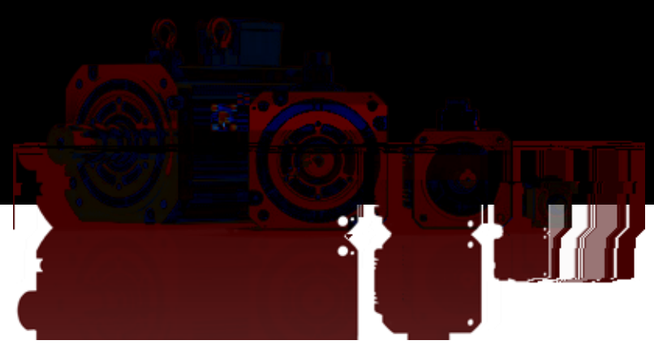
B

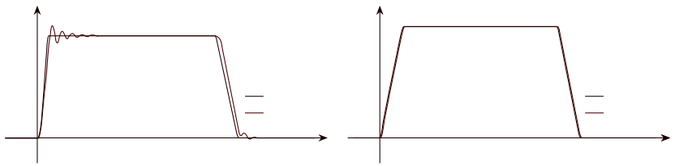
7000 rpm

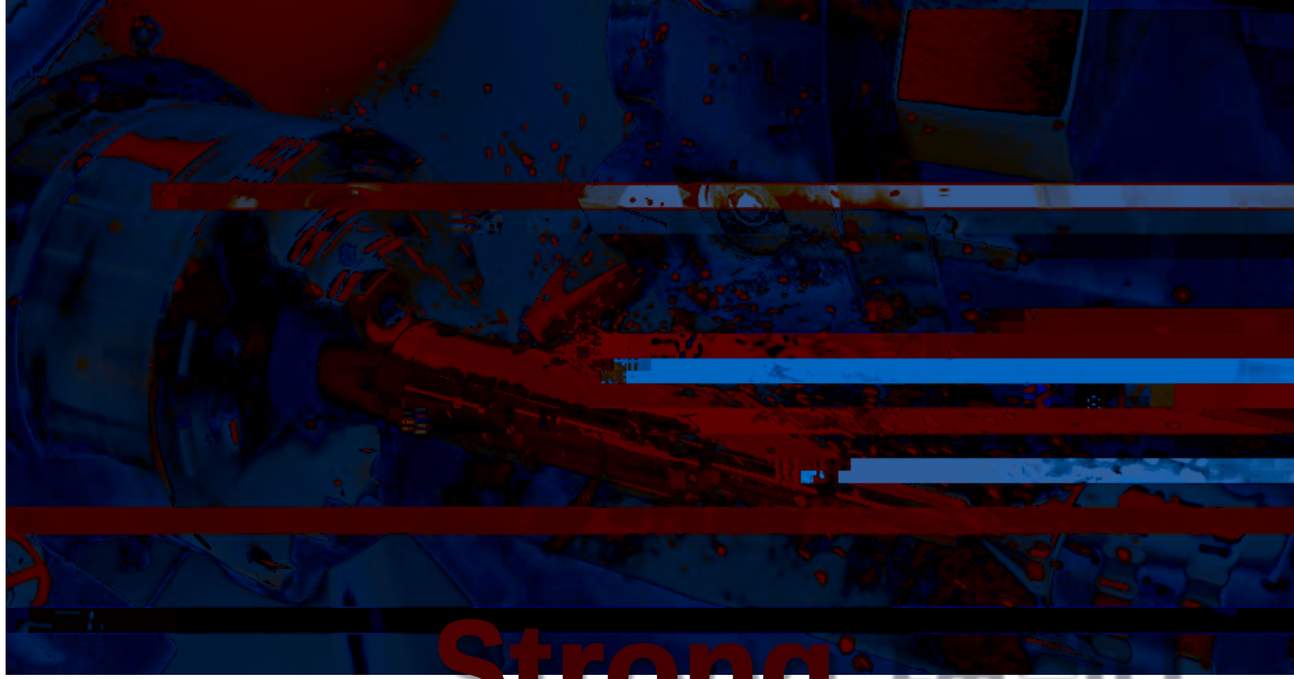
5000 rpm

350 %

300 %







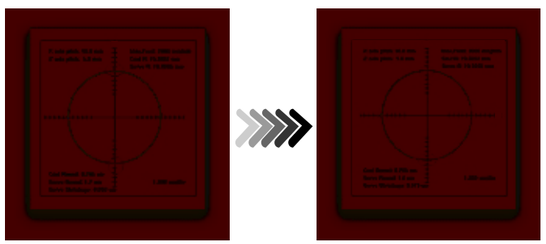
Strong 强劲！

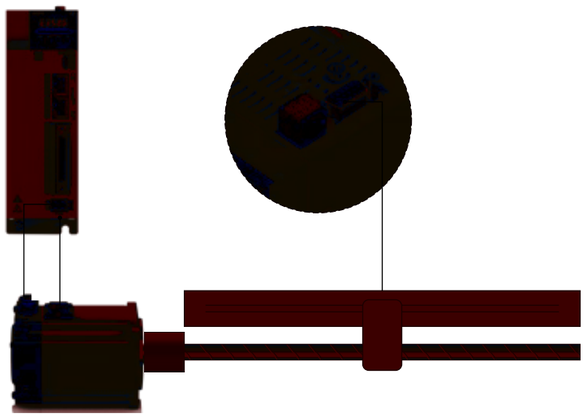
OFF	ON

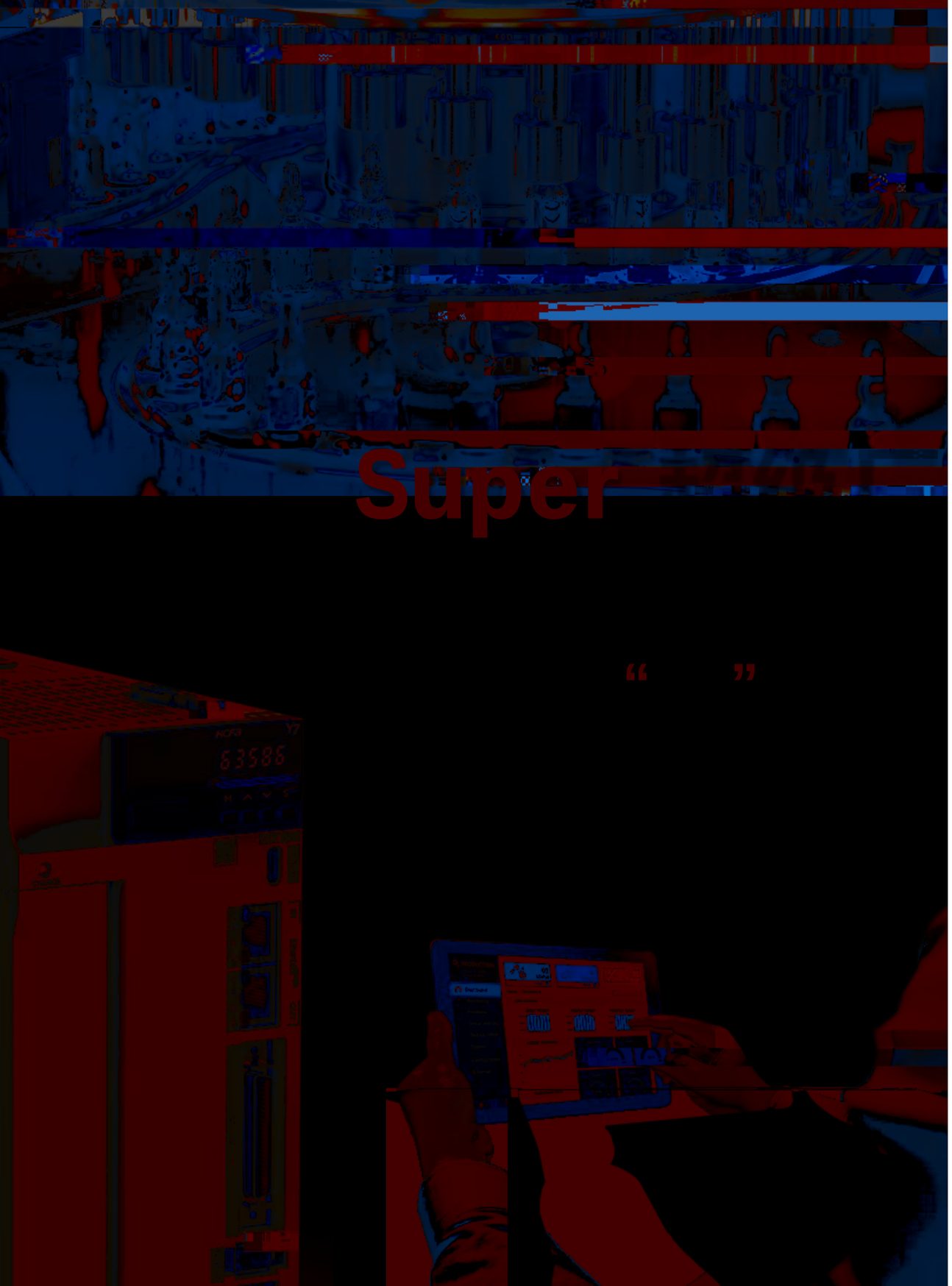
6 3 100Hz

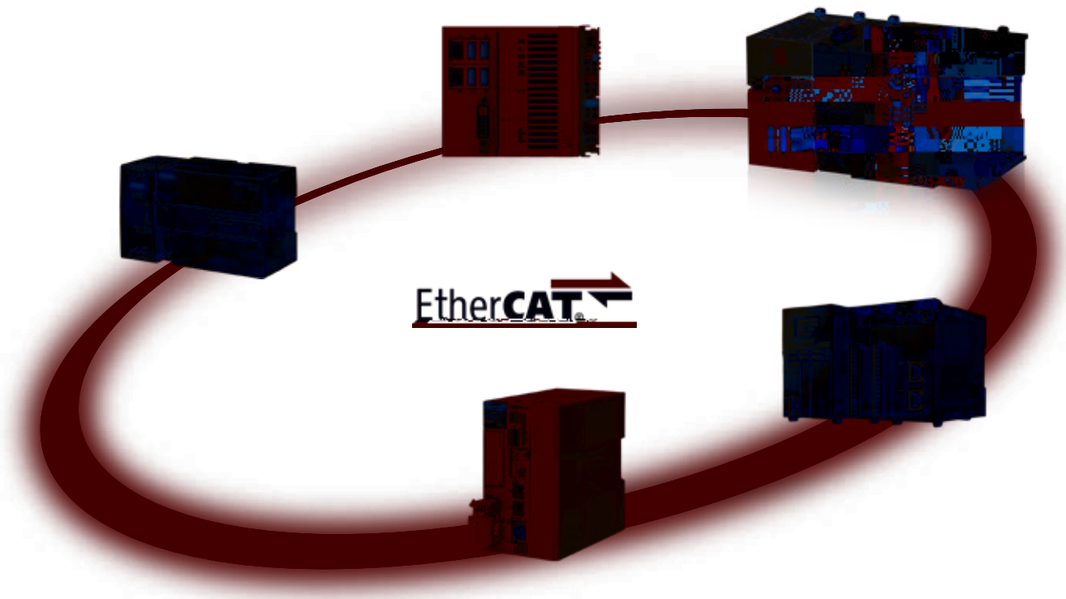
100Hz~5000Hz

XY

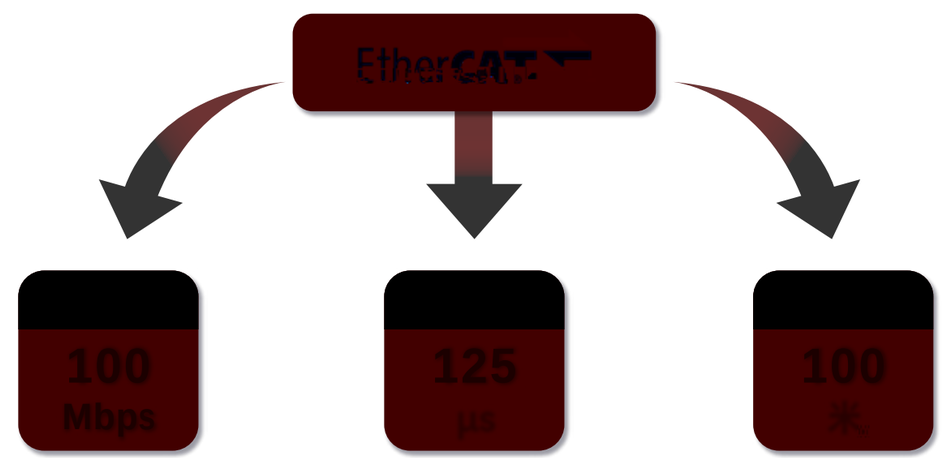


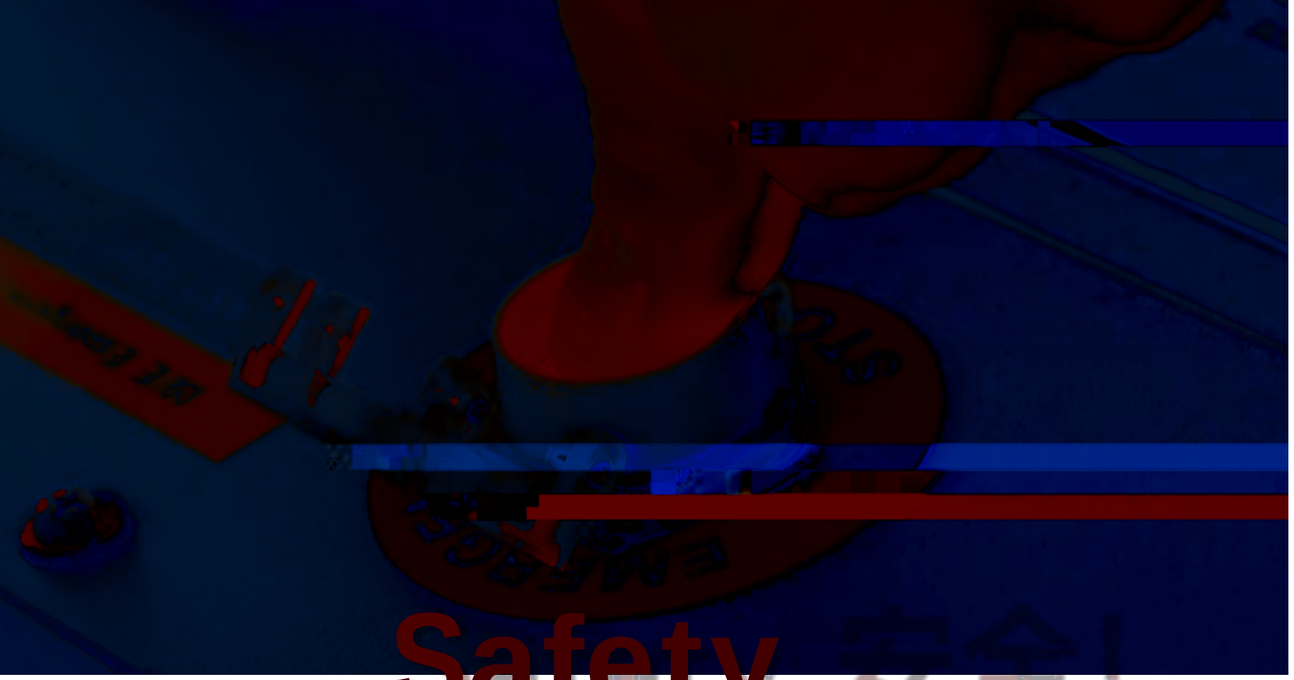




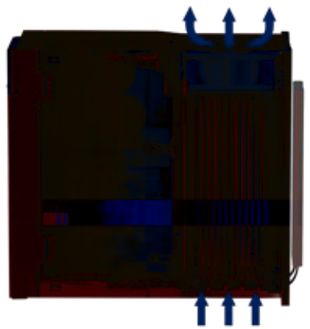


All-in-one • •





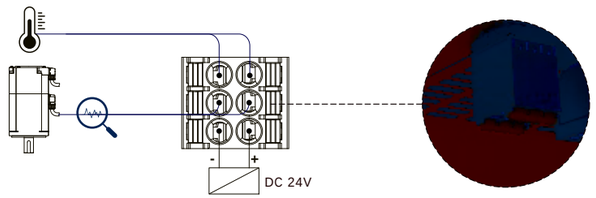
Safety 安全!



STO

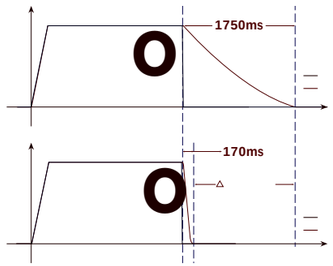
TD

Y7



DB

OFF



BD

Y7

N

1 KTY84
2 3kW

55 (4

20 65 (

20% 85%RH

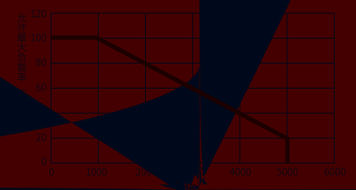
20% 85%RH

5.88m/s^2(0.6G) 10-

100m/s^2 (XYZ)

IP20

1000m 1



■

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

:"✓" "-"

/

/

C

B

■

HN-Y7E□***A-		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

■

HN-Y7E□***T-		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	-	-	-
	(Ω)	40	40	40	40	35	25	20	20	15	10	10

1 □ A B EtherCAT

■

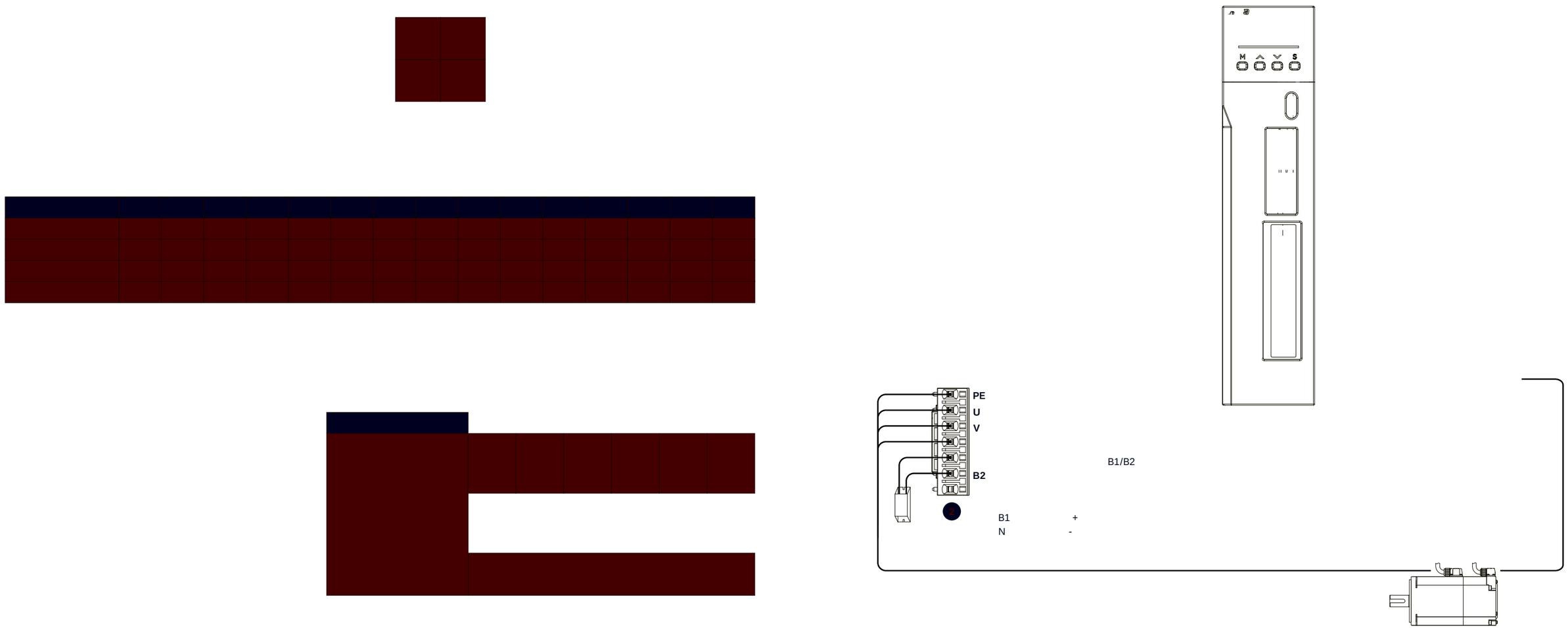
kW		EtherCAT		
0.4	HN-Y7□A040A-S	HN-Y7□B040A-S	AC / 220V	
0.75	HN-Y7□A075A-S	HN-Y7□B075A-S		
1	HN-Y7□A100A-S	HN-Y7□B100A-S		
1.5	HN-Y7□A150A-S	HN-Y7□B150A-S	AC 220V	
2	HN-Y7□A200A-S	HN-Y7□B200A-S		

E F N

■

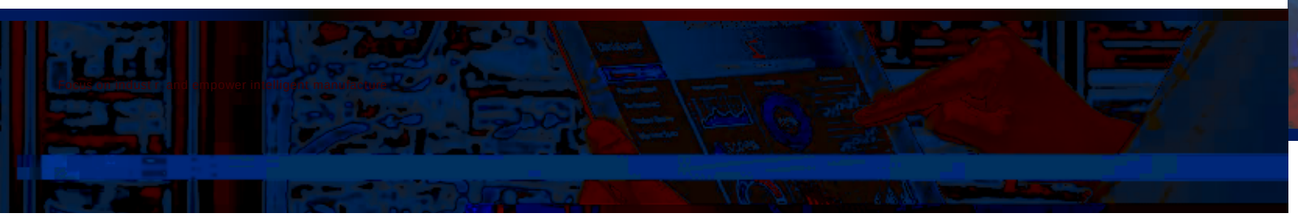
kW		EtherCAT		
0.75	HN-Y7□A075T-S	HN-Y7□B075T-S		
1	HN-Y7□A100T-S	HN-Y7□B100T-S		
1.5	HN-Y7□A150T-S	HN-Y7□B150T-S		
2	HN-Y7□A200T-S	HN-Y7□B200T-S		
3	HN-Y7□A300T-S	HN-Y7□B300T-S		
5	HN-Y7□A500T-S	HN-Y7□B500T-S	AC 380V	
6	HN-Y7□A600T-S	HN-Y7□B600T-S		
7.5	HN-Y7□A750T-S	HN-Y7□B750T-S		
11	HN-Y7FA111T-S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

E F N


M
S
PE
U
V
B2
B1/B2
B1
N
+
-

CN2

21.3
2*M5
3.5Nm
162.8



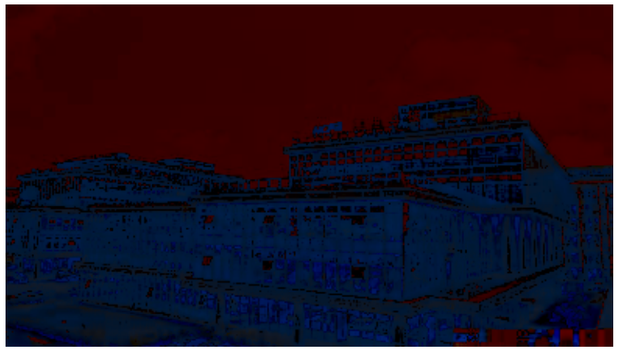
2011

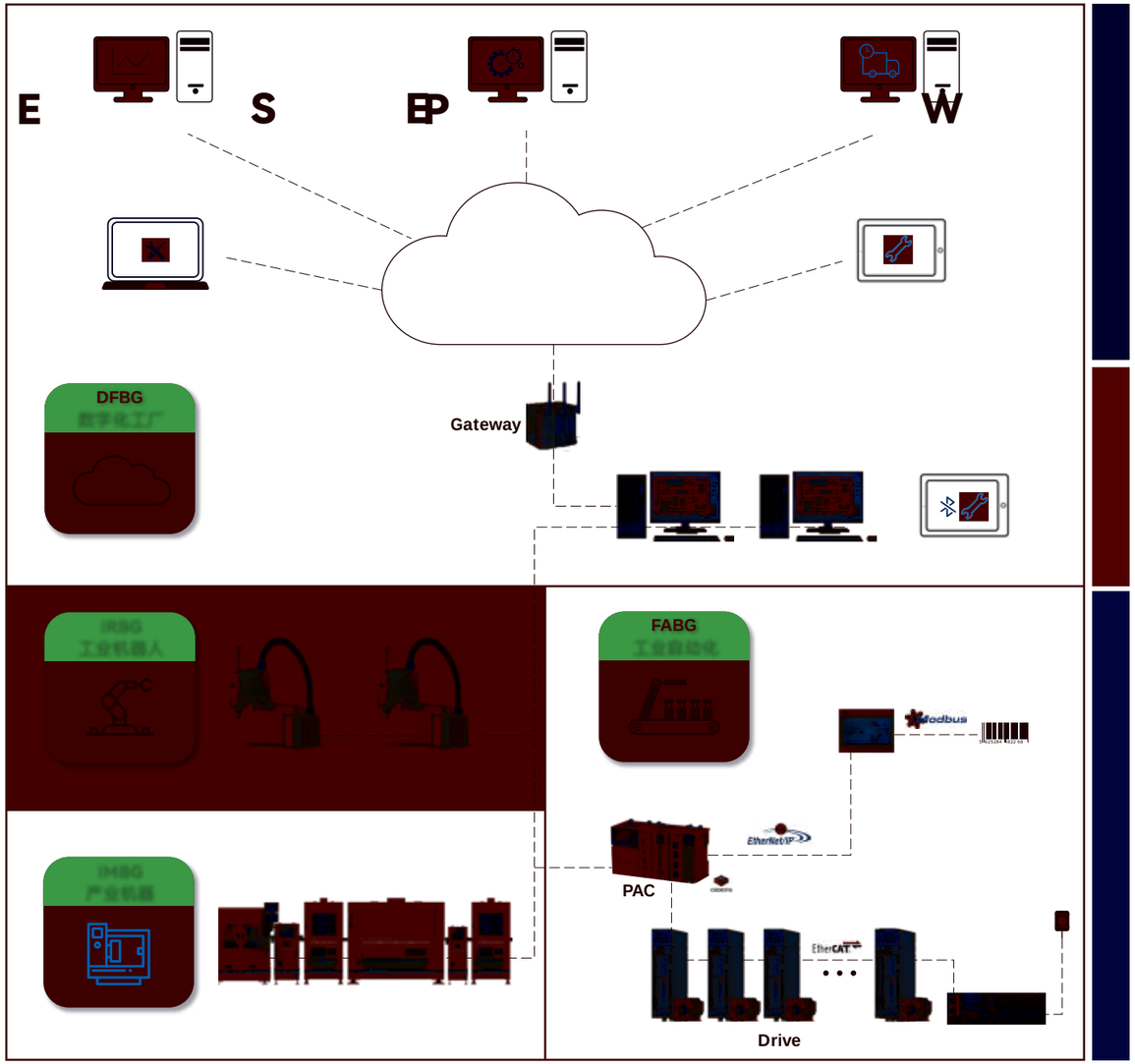
200

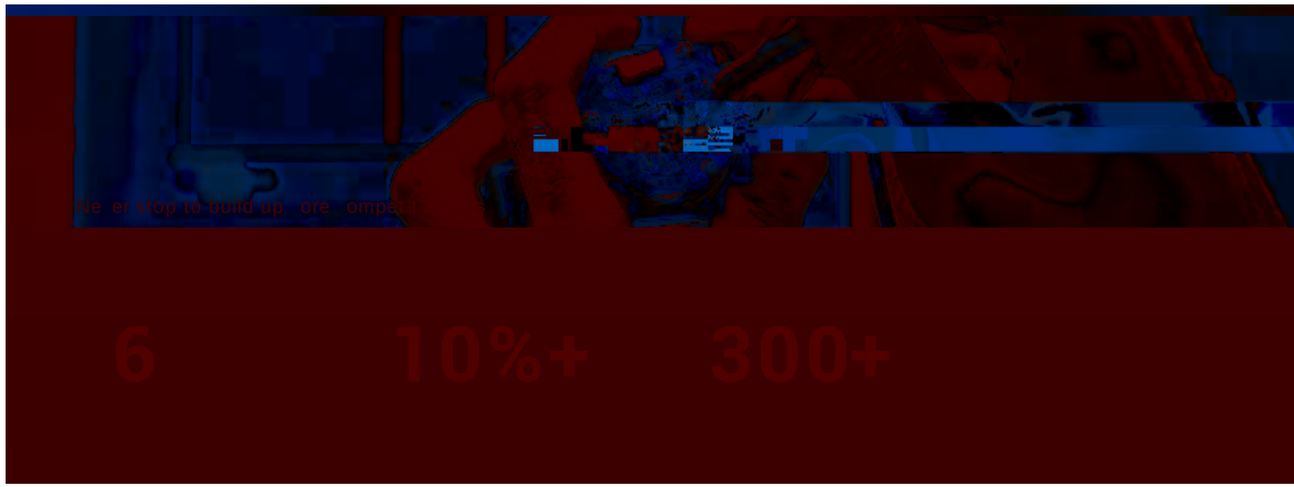
M

2023 11

M







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