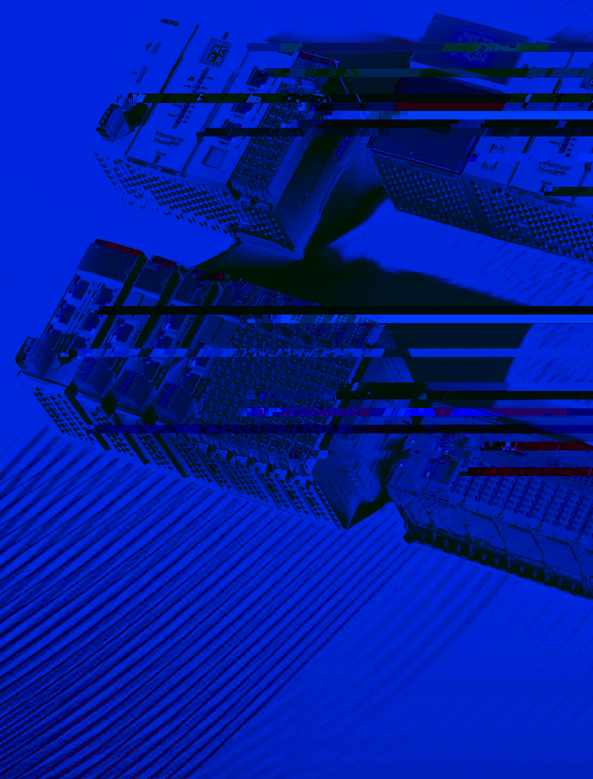
创新 精益 卓越

HCFA
— 禾川科技 —

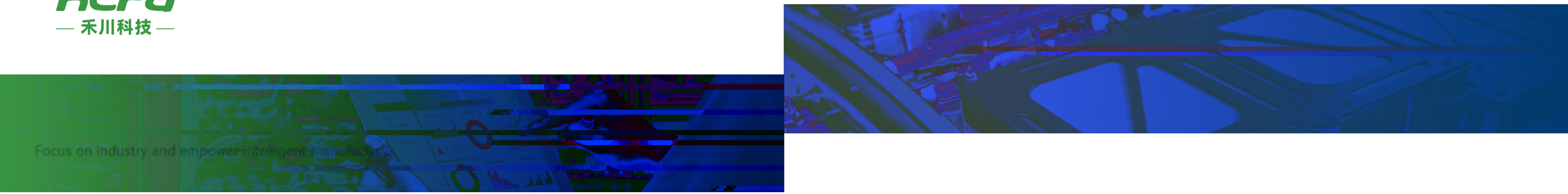
FAD?

?RA

SERIES



HCFA
— 禾川科技 —



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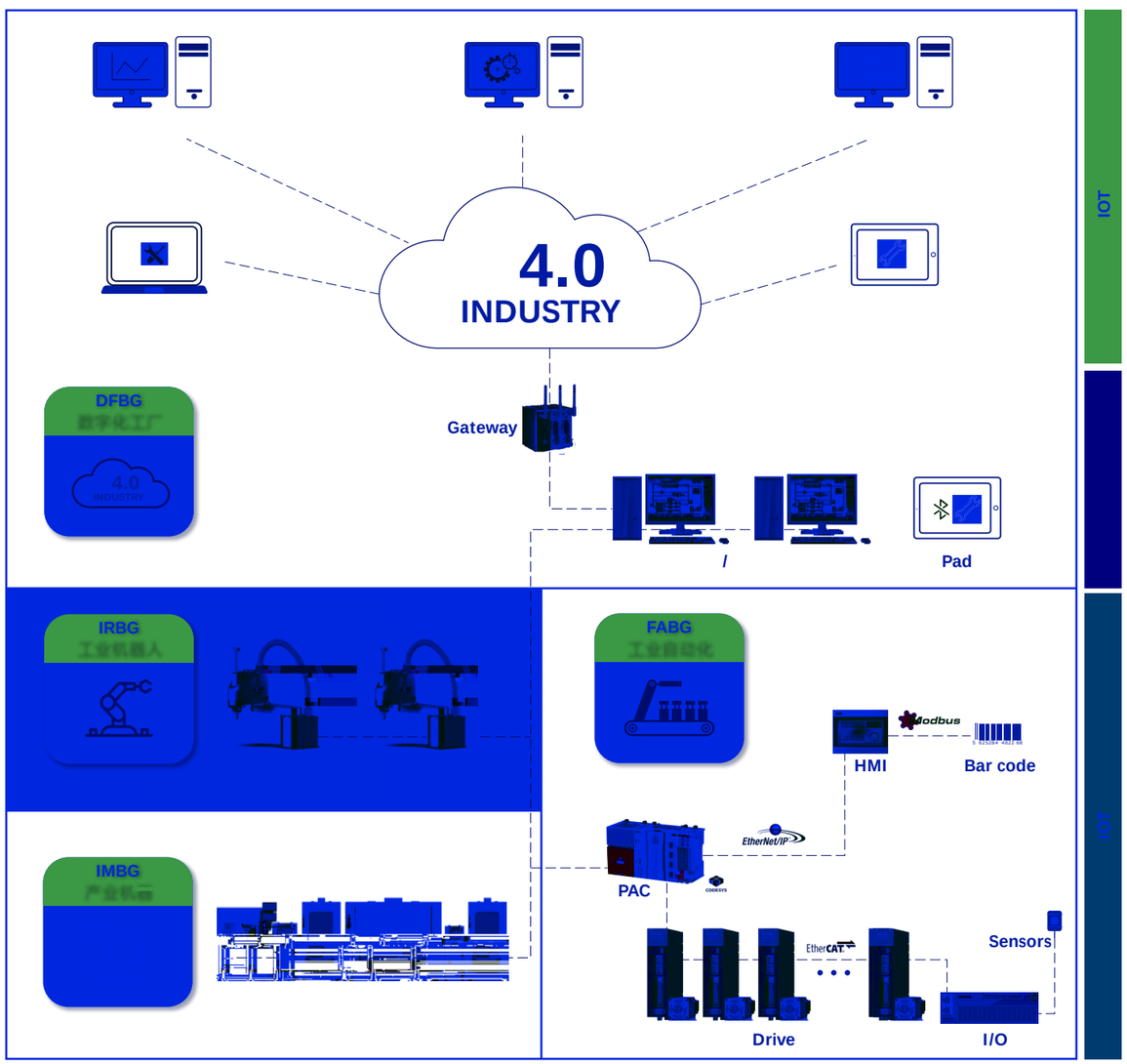
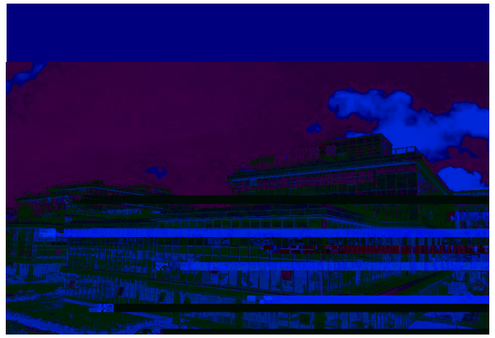


2011

2023 11



6 10%+ 300+

-
- ASIC SOC
- AMR /

2 RS485 2 EtherNet 1 EtherCat
BD 1 Type-c
HCQX-D4
OPC UA
TCP UDP Http Mqtt

8 200KHhz 8 200KHz
8/16
/ / CNC

1.5
128M +128M 1M

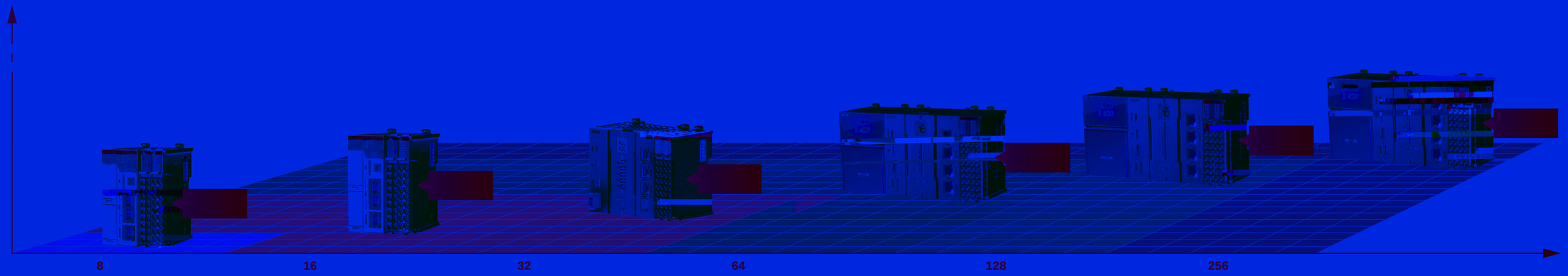
IDE——HCP Works 3

Intel

EtherCAT

CANopen

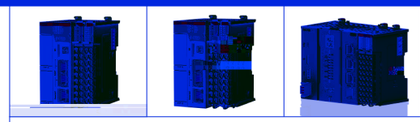
Modbus



Modbus CANopen EtherCAT

QP-SERIES CONTROLLER

QP



	/ Bytes					
	I /Q /M					
		/ /				
	EtherCAT 1ms					
	EtherCAT					
EtherCAT						
CANOpen						
	bps					
		COM1,COM2				
		COM3				
		COM1,COM2				
		COM1,COM2				
		COM3				

		COM1,COM2		
		COM3		
		COM1,COM2		
		COM3		
	55			
	25			
	0			

		✓	✓		✓
	Modbus TCP/IP	✓	✓		✓
	OPC UA	✓	✓		✓
	EtherNet/IP Scanner Adapter	✓	✓		✓
	EtherCAT			✓	✓
IP	Q0P&Q1P PORT1 PORT2 IP:192.168.88.100				

POWER SPECIFICATIONS

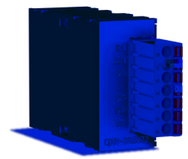
(mm)		

QP-SERIES LINE UP

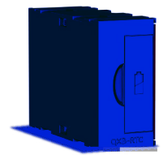
QP

QP-SERIES APOLEGAMY

Q0P/Q1P



bps

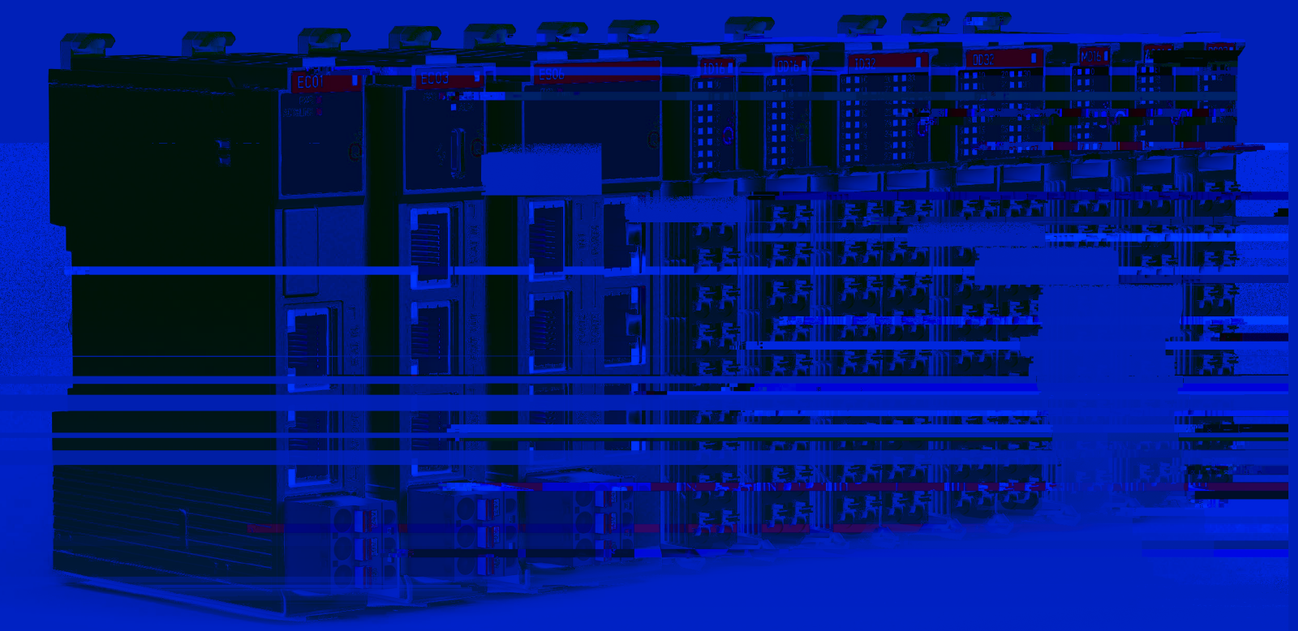


QP

3款EtherCAT耦合器

6通道EtherCAT分支器

覆盖不同应用场景！



规格丰富 ① 20余种扩展模块； ② 3款EtherCAT耦合器； ③ 6通道EtherCAT分支器。

灵活易用 ① 13mm超薄模块； ② PUSH IN直插式可拆卸端子。

安全可靠 ① 多方位硬件保护； ② 详细的故障诊断。

20余种扩展IO，种类丰富

PUSH IN

HCQX-EC03-D4

- NX5
- NX5

EtherCAT

- NX5
- EtherCAT

HCQX-ES06-D4

Q-SERIES UNIT LINE UP

Q

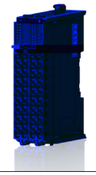
Q-SERIES UNIT

	EtherCAT		
*1		ID OD D AD D T	
	T		
QBUS			
QBUS		U	
NXE OUT			
NXE OUT			
COE	✓		
FOE	✓		
Free-run	✓		
SM-Synchron	✓		
DC			
QBUS			
QBUS	A		
	✓		

	75%		
	50%		
OFF			
OFF			
ON			
ON			
ON/OFF			
QBUS			

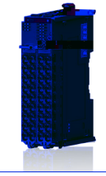
	NPN	PNP	NPN	PNP
OFF				
ON/OFF				
	✓		✓	
	✓		✓	
QBUS				

	8			
ON/OFF				

				
	8			
75%				
50%				
OFF				
OFF				
ON				
ON				
ON/OFF				
	8			
	NPN	PNP	NPN	PNP
OFF				
ON/OFF				
	✓		✓	
	✓		✓	
QBUS				

I		✓
		✓
		✓
COE		✓
FOE		✓
		r
QBUS		

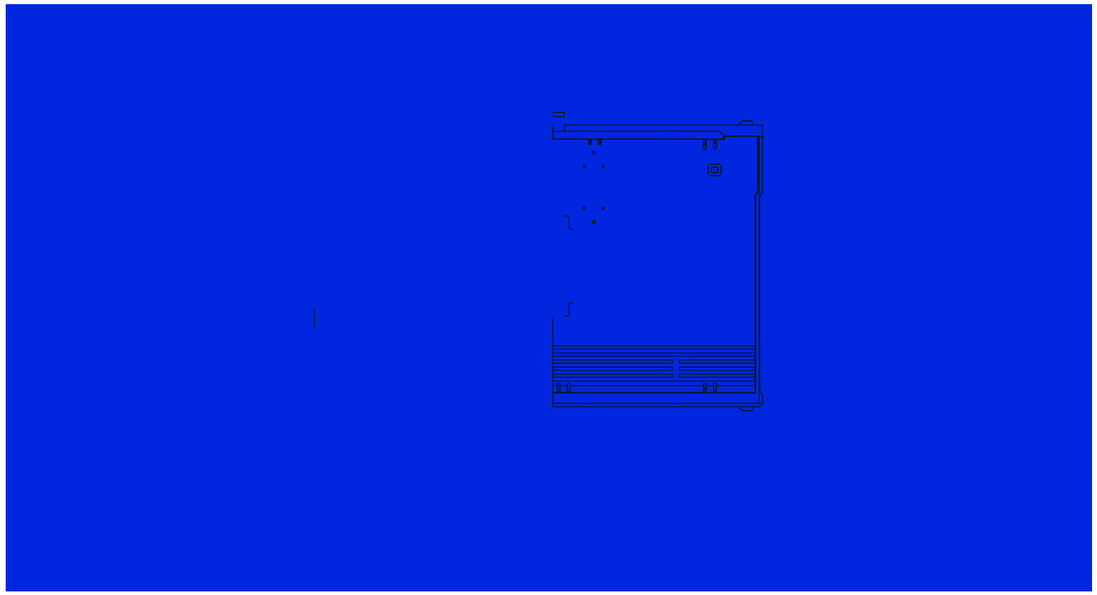
		P P			
		T P			✓
	( )	T P			
	( )	T P			
COE		✓			
FOE		✓			
QBUS					



ON/OFF			
IO			
	ON /ON		
	OFF /OFF		
	ON/OFF		
IO			
		NPN	
	OFF		
	ON/OFF		

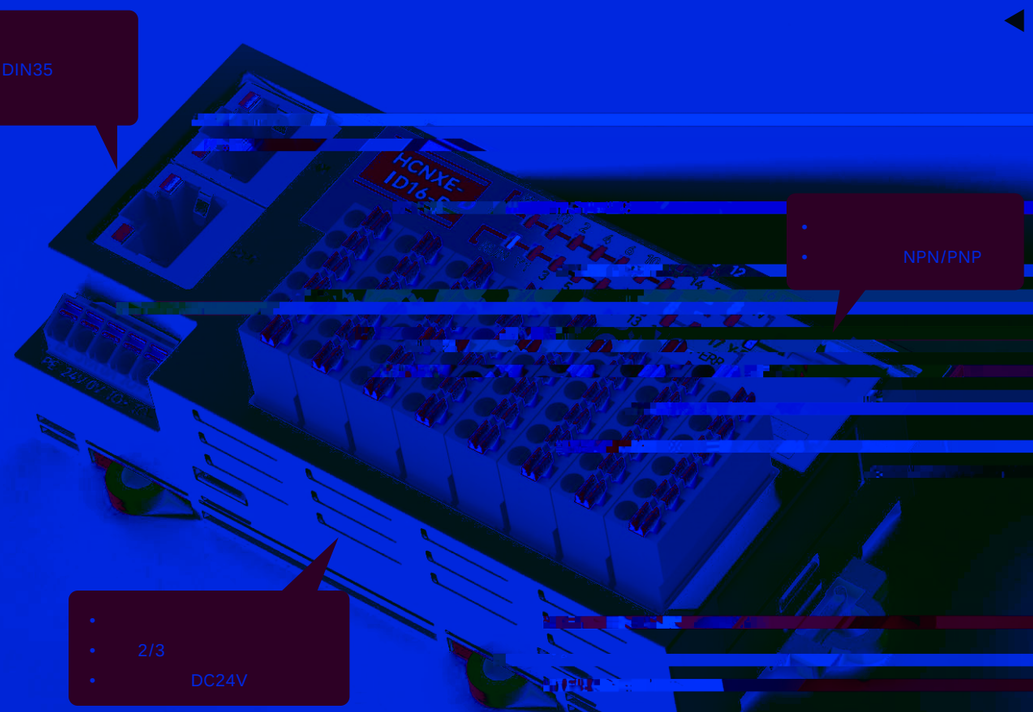
Q-SERIES UNIT DIMENSION DRAWING

Q



7款IO组合

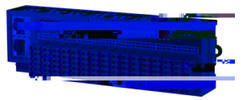
满足多种应用场景！

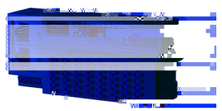
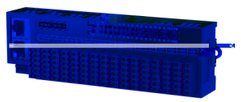


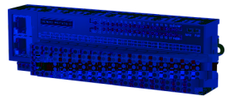
NXE-SERIES UNIT LINE UP

NXE

NXE-SERIES UNIT

		
ON		
ON		
OFF		
ON/OFF		

		
OFF		
ON/OFF		

			
ON			
ON			
OFF			
ON/OFF			
	NPN		
OFF			
ON/OFF			

NXE-SERIES UNIT DIMENSION DRAWING

NXE

NXE 16

NXE 32

NXE 16

NXE 32

Q EtherCAT

HCQX-EC01-D4			EtherCA	
HCQX-EC02-D4			EtherCA	
HCQX-EC03-D4			EtherCA	

Q

HCQX-ES06-D4	EtherCA	

Q IO

	HCQX-ID16-D4						
	HCQX-ID32-D4						
	HCQX-OD16-D4					NPN	
	HCQX-OD16-D4-PNP					PNP	
	HCQX-OD32-D4					NPN	
	HCQX-OD32-D4-PNP					PNP	
	HCQX-MD16-D4					NPN	
	HCQX-MD16-D4-PNP					PNP	
	HCQX-MD32-D4					NPN	
	HCQX-MD32-D4-PNP					PNP	
	HCQX-OC08-D4						

Q

NXE IO

	HCNXE-ID16-D						
	HCNXE-ID32-D						
	HCNXE-OD16-D					NPN	
	HCNXE-OD32-D						
	HCNXE-MD0808-D					NPN	38
	HCNXE-MD1616-D						
	HCNXE-MD2408-D						

NXE

HCNXE-PRO16		
HCNXE-PRO32		

18PIN	HCQXT-18P-N		
	HCQX-END04		
DC24V	HCQX-3P-N	HC C	