

■ AC220V Basic Specifications

Items		Specifications 220V							
Models SV-X4□***A-AE-00-000 ^{Note}		010	020	040	075	100	150	200	250
Driver power (W)		100	200	400	750	1000	1500	2000	2500
Rated current (Arms)		1.2	2	3	4.5	6	10	12.5	15.6
Max. output current (Arms)		3.6	6	9	13.5	18	30	37.5	37.5
Power specifications		Single-phase 200~240V 50~60Hz				Three-phase 200~240V 50~60Hz			
Built-in regenerative resistor	Resistance(Ω)	-	-	-	-	-	-	-	-
	Capacity(W)	-	-	-	-	-	-	-	-
External regeneration resistor	Resistance(Ω)	≥45	≥45	≥45	≥40	≥40	≥30	≥30	≥30
Overvoltage level		III							

Note: The control type is marked in □, A is pulse type, B is EtherCAT.

■ Specifications

Function		Pulse	EtherCAT bus
		Standard EA	Standard EB
Hardware interface	CN4/CN5 communication	RS485	EtherCAT
	CN6 I/O Interface	44pin	15pin
	CN2 STO	-	-
Hardware Features	PC Communication	USB/RS485	USB
	Number of I/Os	8DI/5DO	5DI/3DO
	Analog input	2AI	-
	Pulse frequency division output	✓	-
	Dynamic braking	-	-
Software features	Internal positioning	✓	-

X4E-SERVO

Brochure

Superior
Combination
of
Performance
and Market
Demand



Zhejiang Hechuan Technology Co.,Ltd.

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

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



禾川科技 HCFA



禾川自动化中心ATC

All information in this document is subject to change without notice.

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Due to the delay in updating the paper version, please refer to official website for the latest product information.

HCFA

High cost performance

The X4E-series drives and new X0-series servo motors are used with M-series PLC to form HCFA's economical bus solution, which can meet the basic application needs of different users and has the ultimate cost-effectiveness.

Naming Rule

SV-X4 E B 040 A - A E - 00 - 000

1 2 3 4 5 6 7 8 9

1 Product series

2 Type	
E	Standard

3 Control type	
A	Pulse
B	EtherCAT

4 Drive power

010	100W
020	200W
040	400W
075	750W
100	1KW
150	1.5KW
200	2KW
250	2.5KW

5 Voltage type

A	220V
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6 Control power supply

A	AC control power
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7 Product series

E	E-series
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8 Hardware customization mark

00	By default
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9 Software customization mark

000	By default
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Excellence

3kHz speed loop response bandwidth, the device responds faster and more accurately

High-speed

With X0 series motor, the maximum speed can reach 5000rpm, 2 times overload



Precision

Self-developed encoder communication protocol, 17-bit magnetic encoder motor, more stable application

Ease of use

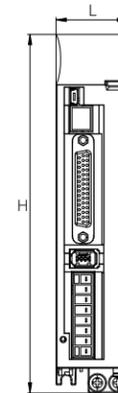
Convenient wiring, low application threshold, simpler debugging



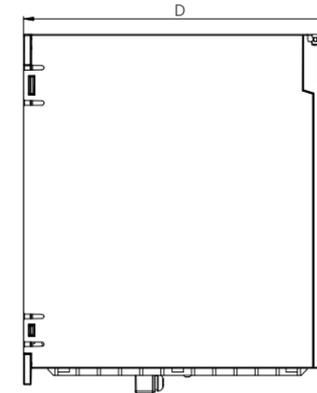
A more economical bus solution

Combining M-series PLC and X0-series motor to form a more economical bus solution

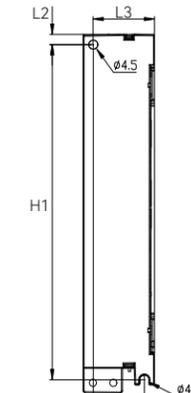
Product Dimensions



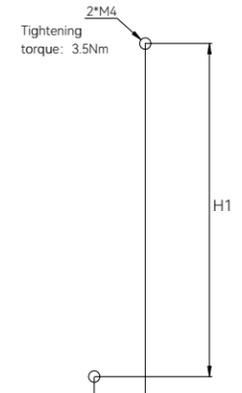
Main view



Left view



Back view



Hole installation diagram

Product power	L(mm)	H(mm)	D(mm)	L1(mm)	L2(mm)	L3(mm)	H1(mm)	Aperture (φ)	Screw holes	Tightening torque (Nm)	Weight (kg)
400W or less	35	174	152	25	5	30	162	4.5	M4	3.5Nm	0.75
750W/1kW	52	174	152	41	5	46	162	4.5	M4	3.5Nm	1.1
1.5kW / 2kW / 2.5kW	80	170	184	69	5	75	160	4.5	M4	3.5Nm	1.75