

SV2A3-P-NE

Digital Servo Drive

1pc. - 478.00
50pc. - 358.50



Product Features

- Digital servo drive
- Auto-tuning
- Anti-vibration function
- 120 VAC single-phase input power, 50/60 Hz
- Torque, velocity and positioning modes
- 8 regular digital inputs, 5-24 VDC
- 4 high-speed digital inputs, 5-24 VDC
- 6 digital outputs, 30 VDC max
- 2 analog inputs, -10 to +10 V
- Fault protection



Description

The SV200 series digital servo drives offer excellent performance at exceptional value. They provide short settling times of 0 to 2 milliseconds. Auto-tuning enables the system to optimize tuning parameters automatically and greatly reduces setup time. The anti-vibration function reduces and often eliminates vibrations arising from the natural mechanical characteristics of the load.

The SV2A3-P-NE servo drive is designed for use in torque, velocity, and position control applications. An on-board indexing function means that for simple motion control applications an external controller is often not needed.

The SVX Servo Suite software allows for easy setup and programming of the drive and motor. It has a built-in oscilloscope for testing motion and optimizing motor performance.

Specifications

Model Number:	SV2A3-P-NE
Part Number:	SV2A3-P-NE
Supply Voltage:	78-139 VAC
Supply Voltage Type:	AC
Control Modes:	Step & Direction Analog Torque / Velocity
Output Current, Continuous:	3.00
Output Current, Peak:	9.00
Feedback:	Halls + Incremental encoder
Setup Method:	Software setup
Digital Inputs:	8 general purpose, 4 high speed
Digital Outputs:	6
Analog Inputs:	2
Dimensions:	5.7 x 2.2 x 5.9 inches
Weight:	42.4 oz
Operating Temperature Range:	0 to 85 °C
Ambient Temperature Range:	0 to 40 °C
Ambient Humidity:	20 to 85% RH or less
Status LEDs:	5 digit, 7 segment display
Circuit Protection:	Short circuit Over-voltage Under-voltage Over-temp

Software

Software: [SVX Servo Suite](#)

Downloads

Manuals:	 SV200_ServoManual_920-0096A.pdf
Datasheet:	http://s3.amazonaws.com/applied-motion-pdf/SV2A3-P-NE.pdf
2D Drawing:	 SV2A3-P-NE_RevB.pdf
3D Drawing:	 SV2x3.igs
Agency Approvals:	 SV200-CE-Cert-EMC-15079710002.pdf
	 SV200-CE-Cert-LVD-15079149002.pdf

Pricing

SV2A3-P-NE	
Part No. SV2A3-P-NE	
1pc.	\$478.00
25pc.	\$411.08
50pc.	\$358.50
100pc.	Request a Quote for 100+ piece pricing.