

Unlock Precision and Efficiency with **smartPX** – Our powerful compact multi-axis drive.



An ideal pairing for robots with a maximum payload of **7 Kg**, when combined with the Servotronics **R-Series** servo motors.



KEY FEATURES

- Supports Up to **6** axes
- **Input voltage (VAC):** 110/220, 1/3 phase
- **Rating (ARMS):**

	Cont.	Peak
2	4.5	12.5
1	3	9
3	2	6

- **Dimensions (mm):** 260 x 230 x 82
- **Onboard I/Os:** 8 In, 6 Out, 6 Brake
- **Feedback:** SensAR, Tamagawa
- **EtherCAT** 0.5 ms.
- **Safe Tourque Off**

WHY CHOOSE US

- ✓ **High Performance:** Advanced model-based control algorithms.
- ✓ **Easy To Use:** Our modern web-based software features Automatic Tuning, advanced configuration tools, and fast monitoring capabilities.
- ✓ **Compact:** A sleek design that can fit effortlessly into your workspace.
- ✓ **Cost-Effective:** High performing drive at an affordable cost.



Call Us! 400-111-8669

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smartPX

Compact, Multi-Axis Drive.



SMART. PERFORMANT. EXCELLENT.

Introducing smartPX by Servotronix, the game-changing servo drive that revolutionizes motion control.

With its advanced technology and intelligent features, smartPX offers unparalleled precision, seamless performance, and exceptional power capabilities.

Designed for a wide range of applications, this compact and versatile servo drive delivers superior control, making it the ultimate choice for achieving optimal productivity and efficiency in industrial automation.



FEATURING

- Homing
- Active Disable
- Motor-Power cable-swap (UV)
- Friction Compensation
- Collision Detection
- Input Shaping
- Frequency Analyzer
- Variable Gains
- Cubic μ -interpolation
- Field Weakening



Ordering Information: **PX - 6 - A - 2A - EC - RO - ST - M - C**

Serial name	
PX	SmartPX serial
Number of axes:	
6	*support 6 axes
4	*support 4 axes
Power:	
Power A	1.4KW
Power B	3kW
voltage	
2A	*single phase 220V, -10% ~ +10%, 50/60 Hz
4D	*three phase 380V, -10% ~ +10%, 50/60 Hz
communication	
EC	EtherCAT
PN	profinet
CN	CanOpen
Motor type	
R	Rotary motor only
L	Support linear motor/rotary motor...
Safety	
SA	with safety function—STO/SSI/...
ST	Only STO function
Feedback Type	
M	Support senseAR/Tamagawa encoder
Controller Type	
MC	SoftMC
CS	CodeSys
NN	none



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