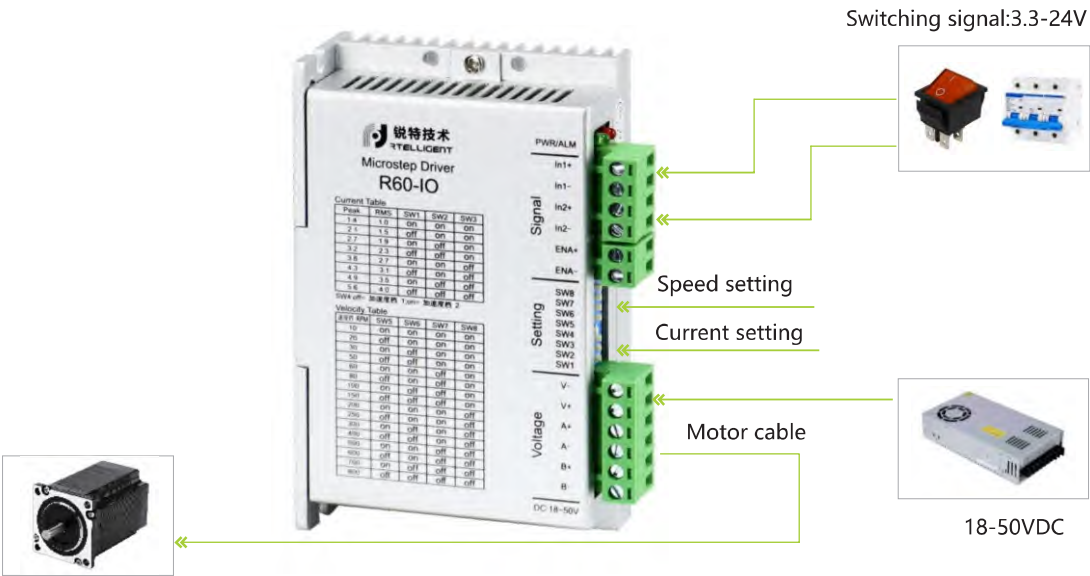


R60-IO

IO series switch stepper drive, with built-in S-type acceleration and deceleration pulse train, only need switch to trigger motor start and stop. Compared with speed regulating motor, IO series of switching stepper drive has the characteristics of stable start and stop, uniform speed, which can simplify the electrical design of engineers.

- Control mode: IN1.IN2
- Speed setting: DIP SW5-SW8
- Signal level: 3.3-24V Compatible
- Typical appications: conveying equipment, inspection conveyory, PCB loader

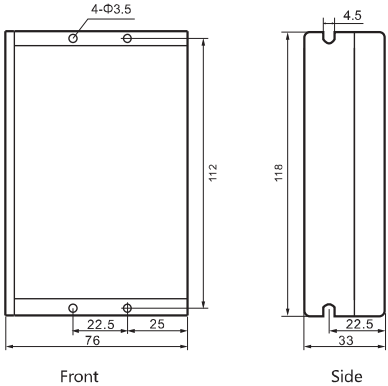
Drive Interface & Connection



Working Current Setting

Output current peak	Output current RMS	SW1	SW2	SW3
1.4A	1.0A	on	on	on
2.1A	1.5A	off	on	on
2.7A	1.9A	on	off	on
3.2A	2.3A	off	off	on
3.8A	2.7A	on	on	off
4.3A	3.1A	off	on	off
4.9A	3.5A	on	off	off
5.6A	4.0A	off	off	off

Installation Dimension



Acceleration Selection

SW4		
Acceleration 1	Low acceleration/deceleration	off
Acceleration 2	High acceleration/deceleration	on

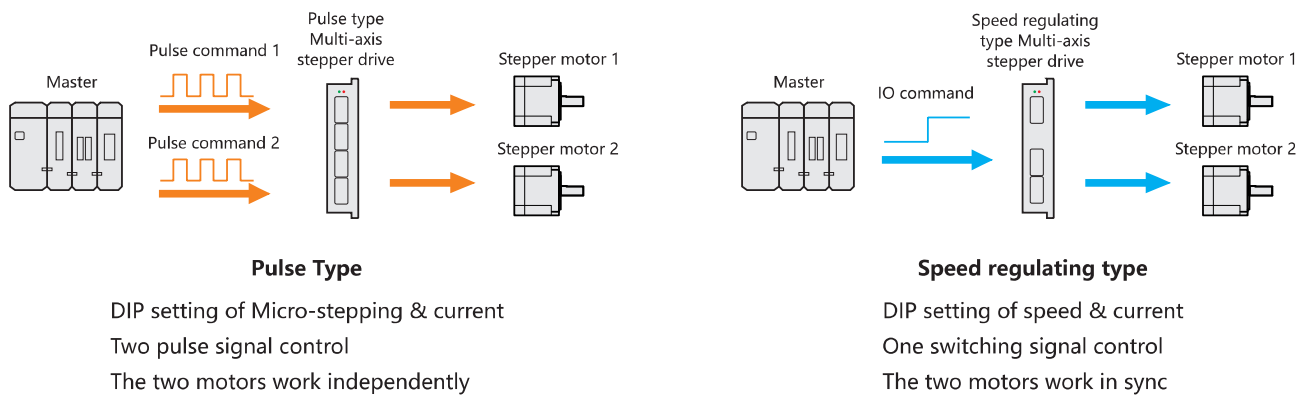
Speed Setting

Speed range(RPM)	SW5	SW6	SW7	SW8
10	on	on	on	on
20	off	on	on	on
30	on	off	on	on
50	off	off	on	on
60	on	on	off	on
80	off	on	off	on
100	on	off	off	on
150	off	off	off	on
200	on	on	on	off
250	off	on	on	off
300	on	off	on	off
400	off	off	on	off
500	on	on	off	off
600	off	on	off	off
700	on	off	off	off
800	off	off	off	off

Multi-axis Stepper Drive

Features

Multi control methods for customer choices	Save labor & shortening debugging time
Multi-axis series drive support pulse or switch control, two axis motor can be independent or synchronous operation, suitable for a variety of applications	The number of drives that need to be debugged is halved, saving labor and time costs for debugging devices
Save space & facilitate customer design	Save cost & improve equipment competitiveness
Compared with traditional drives, the multi-axis series drive can save 40 to 60% of the installation space and facilitate customer layout	While saving space and labor, the multi-axis series can also save drive costs and improve the overall competitiveness of the equipment



Note: X2 series drive receives 24V pulse signal by default, please refer to Rtelligent for 5V pulse signal.

Technical Specifications

		Model	Peak current A	Weight kg	Input voltage	Dimension mm	Matching motor
Multi-axis control series	Speed regulating	R42-D	2.2	0.2	18-50VDC	118×76×25	open loop below 42mm
		R60-D	5.6	0.3	18-50VDC	118×76×33	open loop below 60mm
	Pulse	R42X2	2.2	0.2	18-50VDC	118×76×25	open loop below 42mm
		R60X2	5.6	0.4	18-48VDC	132×82×29	open loop below 60mm
		R60X3	5.6	0.5	18-48VDC	175×97×31	open loop below 60mm
	Field bus	ECR60X2	6.0	0.5	18-80VDC	175×98×33	open loop below 60mm
		ECT60X2	6.0	0.5	18-80VDC	175×98×33	closed loop below 60mm

LED Indication

LED status		Drive status	Fault handling
●	Steady green light	Drive not enabled	
●●	Flashing green light	Drive works fine	
●●	1 green 1 red	Drive overcurrent	Check wiring、repair drive
●●●	1 green 2 red	Drive input power supply overvoltage	Check the input supply voltage
●●●●	1 green 3 red	Drive internal voltage error	Drive failure