



SSD2608PR

- 32-bit DSP technology, smooth, low noise and low vibration
- Supports standard MODBUS-RTU protocol with RS-485 isolated bus
- Supports position control, speed control and multi-segment position modes
- 5-channel optically isolated programmable input interface
- 3-channel optically isolated programmable output interface
- Smooth and accurate current control, low motor heating
- The effective value of the drive current is adjustable below 5.0A
- Voltage range: VAC24-80V
- Protection against overvoltage, undervoltage, overcurrent, etc.

Typical Application:

can be widely used in engraving machines, special industrial sewing machines, wire stripping machines, marking machines, cutting machines, stage lighting, robots and medical equipment, laser equipment, marking machines, plotters and other automation equ

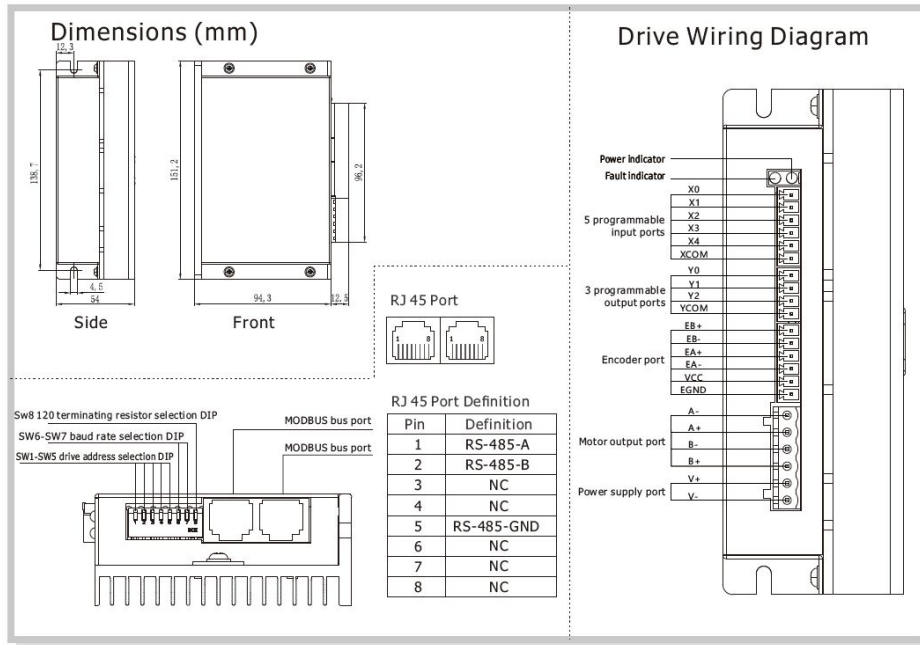
Product Details

Product Diagram

Product Diagram

COM Setting

Terminal Assignment



▶ SSD2608PR Terminating Resistor Selection ▶ SSD2608PR Communication Baud Rate Setting

120 terminating resistor selection bit	SW8
Invalid	OFF
Valid	ON

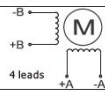
Baud rate	SW7	SW6
9600(Default)	ON	ON
19200	ON	OFF
38400	OFF	ON
115200	OFF	OFF

▶ SSD2608PR Communication Address Setting

Address	Default	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
SW5	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF
SW4	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON	ON	ON	ON	ON	ON	ON
SW3	OFF	OFF	OFF	OFF	ON	ON	ON	ON	OFF	OFF	OFF	OFF	ON	ON	ON	ON
SW2	OFF	OFF	ON	ON	OFF	OFF	ON	ON	OFF	OFF	ON	ON	OFF	OFF	ON	ON
SW1	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON

Address	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
SW5	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON	ON
SW4	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON	ON	ON	ON	ON	ON	ON	ON
SW3	OFF	OFF	OFF	OFF	ON	ON	ON	ON	OFF	OFF	OFF	OFF	ON	ON	ON	ON
SW2	OFF	OFF	ON	ON	OFF	OFF	ON	ON	OFF	OFF	ON	ON	OFF	OFF	ON	ON
SW1	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF	ON

▶ Terminal Introduction

Symbol	Function	Specification
PWR	Power indicator	When the power is on, the indicator lights up
ALM	Alarm indicator	Number of flashing times: Once = overcurrent Twice = overvoltage Three times = under pressure Four times = EEPROM error Five times = communication error
X0~X4	5 programmable input ports	Programmable input control port, 5V~24V can drive, need to connect a resistor when > 5Vsupport NPN and PNP wiring mode, requires effective level pulse width ≥10ms
XCOM	Input port common	Support NPN and PNP wiring
Y0-Y2	3 programmable output ports	Programmable output control port, user can configure the corresponding port function through the bus
YCOM	Output port common	Support NPN and PNP wiring
EB+/EB-	Encoder B phase input +/-	Connect encoder B channel input +/-
EA+/EA-	Encoder A phase input +/-	Connect encoder A channel input +/-
VCC	Encoder power supply	Encoder power supply 5V
GND	Encoder power supply GND	Encoder power supply GND
A+ A- B+ B-	Motor connection	
V+ V-	Power wiring	Power wiring