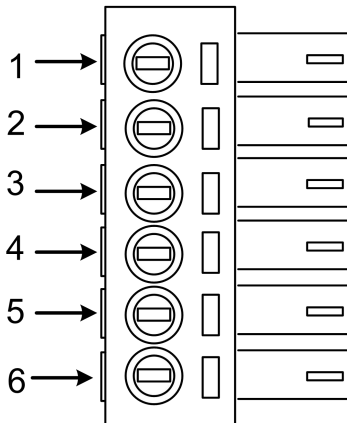


- Support PUL/DIR and CW/CCW modes
- Storage the position of motor
- Optically isolated input and compatible with 5V or 24V
- User-defined micro steps
- Microstep resolutions and Output current programmable
- Over current, over voltage and low voltage protection
- Green light means running while red light means protection or off line

3. Ports Introduction

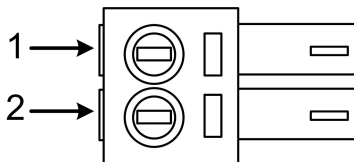
3.1 Control Signal Input Ports



Port	Symbol	Name	Remark
1	DIR-	Direction signal-	Compatible with 5V or 24V
2	DIR+	Direction signal+	

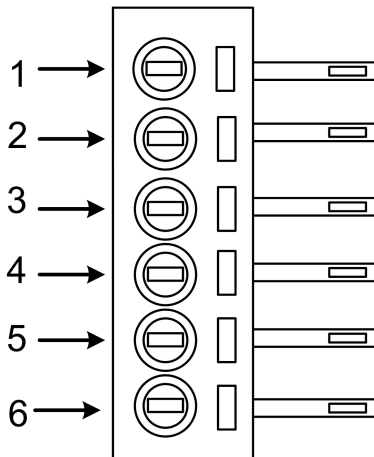
3	PLS-	Pulse signal -	Compatible with 5V or 24V
4	PLS+	Pulse signal +	
5	ENA-	Enable signal -	Compatible with 5V or 24V
6	ENA+	Enable signal +	

3.2 ALM signal output ports



Port	Symbol	Name	Remark
1	ALM+	Alarm output +	
2	ALM-	Alarm output -	

3.3 Power Interface Ports



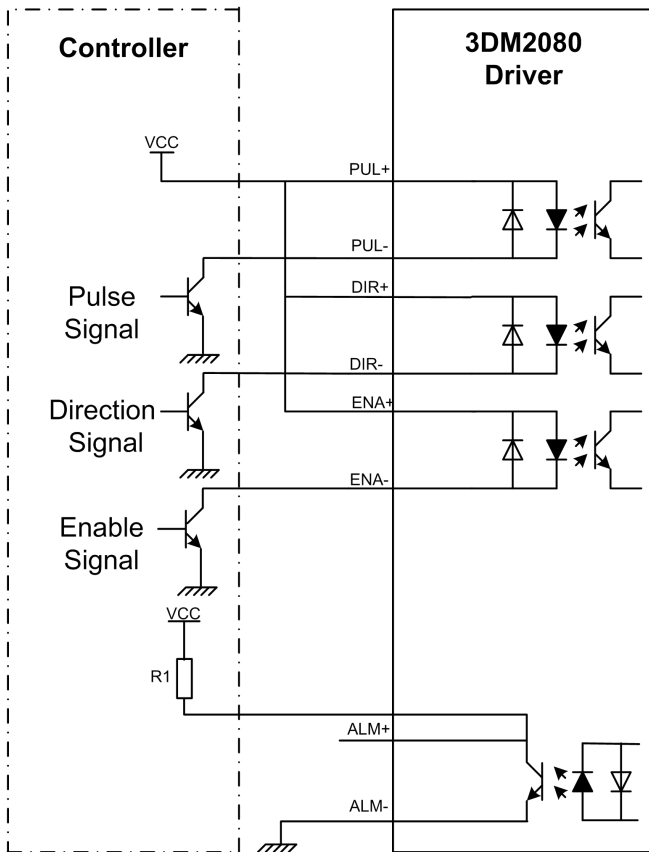
Port	Identification	Symbol	Name	Remark
1	Motor Phase Wire Input Ports	U	Phase U	Motor Phase
2		V	Phase V	
3		W	Phase W	
4	NC	NC	No Contact	
5	Power Input Ports	AC1	AC80V-260V	
6		AC2		

4. Technological Index

Input Voltage	80~260VAC	
Output Current	8A	
Pulse Frequency max	200K	
Communication rate	57.6Kbps	
Protection	<i>ℓ</i> Over current peak value 15A±10% <i>ℓ</i> Over voltage value 400VDC	
Overall Dimensions (mm)	192×127×85	
Weight	Approximate 1500g	
Specifications	Environment	Avoid dust, oil fog and corrosive gases
	Operating Temperature	+70°C Max
	Storage Temperature	-20°C~+80°C
	Humidity	40~90%RH
	Cooling method	Natural cooling or forced air cooling

5. Connections to Control Signal

5.1 Connections to Common Anode

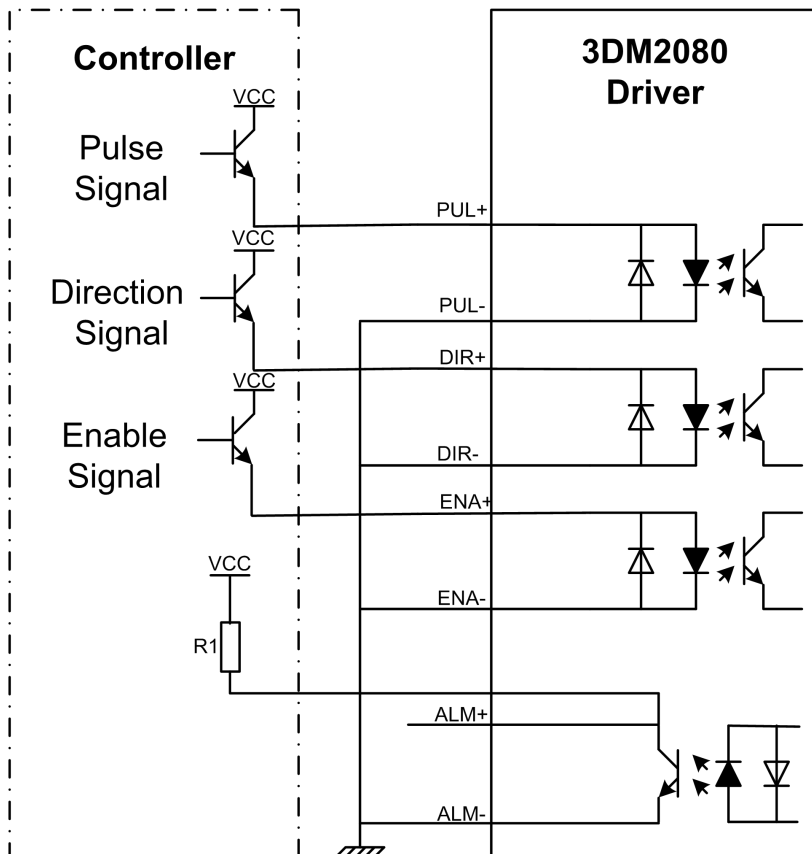


Remark:

VCC is compatible with 5V or 24V;

R1(3~5K) must be connected to control signal terminal.

5.2 Connections to Common Cathode

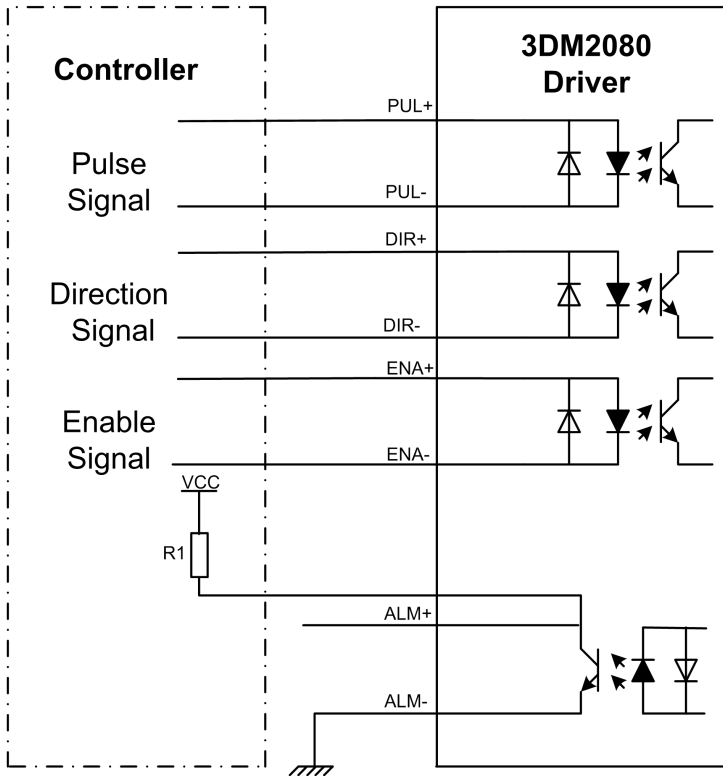


Remark:

VCC is compatible with 5V or 24V;

R1(3~5K) must be connected to control signal terminal.

5.3 Connections to Differential Signal



Remark:

VCC is compatible with 5V or 24V;

R1(3~5K) must be connected to control signal terminal.

Dial switch Current	SW1	SW2	SW3
Default	0	0	0
2. 2A	1	0	0
3. 2A	0	1	0
4. 5A	1	1	0
5. 2A	0	0	1
6. 3A	1	0	1
7. 2A	0	1	1
8. 2A	1	1	1

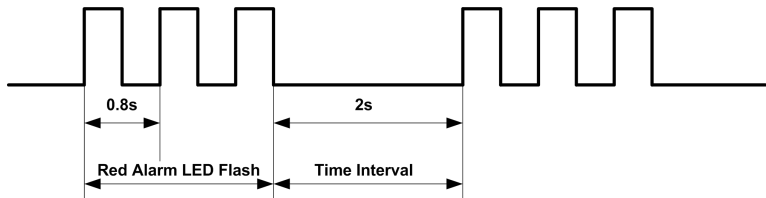
6.2 Standstill current Setting

SW4 is used for setting the standstill current , “off” means the standstill current is set to be half of the selected dynamic current or other current, which can be set by the HISU, the details can be seen in the tenth sections. while “on” means the standstill current is set to be the same as the selected dynamic current.

6.3 Micro steps Setting

The micro steps setting is in the following table. And the micro steps can be also setting through the HISU. The details can be seen in the tenth sections.

Dial switch Micro steps	SW5	SW6	SW7	SW8
400	0	0	0	1
500	0	0	0	1
600	1	0	0	1
800	1	0	0	0
1000	0	1	0	1
1600	0	1	0	0
2000	1	1	0	0
3200	0	0	1	0
4000	1	0	1	0
5000	1	1	0	1
6000	0	0	1	1
6400	0	1	1	0
7500	1	0	1	1
8000	1	1	1	0
10000	0	1	1	1
30000	1	1	1	1



Flicker Frequency	Description to the Faults
1	Error occurs when the motor coil current exceeds the drive's current limit.
2	Voltage reference error in the drive
3	Parameters upload error in the drive
4	Error occurs when the input voltage exceeds the drive's voltage limit.
5	Wrong wiring of motor.