

DM860H



Product Features:

1. Voltage 24V-80VAC or 24-110VDC, peak current 7.2A
2. Apply for magnetic linkage vector resonance resistance algorithm and electronic damping low-speed vibration arithmetic
3. Auto recognize motor parameters and auto tuning control parameters when power is on
4. Build-in micro-step segmentation algorithm, to achieve low micro-step control command, high micro-step operate effect
5. Receive differential and single-end PUL/DIR command
6. Control command Max pulse frequency is 500KHz (Default is 150KHz)
7. Provide 16 gears micro-step value setting
8. can customize 3IO input control speed function
9. Reliable, signal port is optical isolation
10. Over-voltage, over-current, under-voltage protecting

Electrical Specifications (Tj=25°C/77°F)

Parameters	DM860H			
	Min	Typical	Max	Unit
Output current[PK]	0.5	—	7.2(6.0 RMS)	A
Supply voltage	24	48	75	Vdc
Pulse Voltage	4	5	28	Vdc
Logic signal current	7	10	16	mA
Pulse input frequency	0	—	200	KHz
Isolation resistance	100	—	—	MΩ

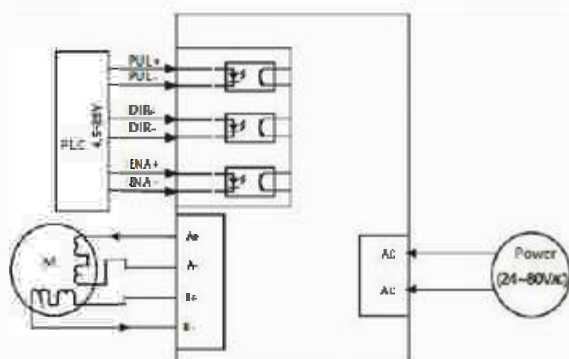
CURRENT SETTING

Peak Current	Valid current	Sw1	Sw2	Sw3
Default	2.0A(RMS)	ON	ON	ON
3.08A	2.57A	OFF	ON	ON
3.77A	3.14A	ON	OFF	ON
4.45A	3.71A	OFF	OFF	ON
5.14A	4.28A	ON	ON	OFF
5.83A	4.86A	OFF	ON	OFF
6.52A	5.43A	ON	OFF	OFF
7.20A	6.0A	OFF	OFF	OFF

Micro-step Setting

Step/R	Sw5	Sw6	Sw7	Sw8
400	ON	ON	ON	ON
800	OFF	ON	ON	ON
1600	ON	OFF	ON	ON
3200	OFF	OFF	ON	ON
6400	ON	ON	OFF	ON
12800	OFF	ON	OFF	ON
25600	ON	OFF	OFF	ON
51200	OFF	OFF	OFF	ON
1000	ON	ON	ON	OFF
2000	OFF	ON	ON	OFF
4000	ON	OFF	ON	OFF
5000	OFF	OFF	ON	OFF
8000	ON	ON	OFF	OFF
10000	OFF	ON	OFF	OFF
20000	ON	OFF	OFF	OFF
40000	OFF	OFF	OFF	OFF

Product Diagram



Product Dimension(Unit:mm)

