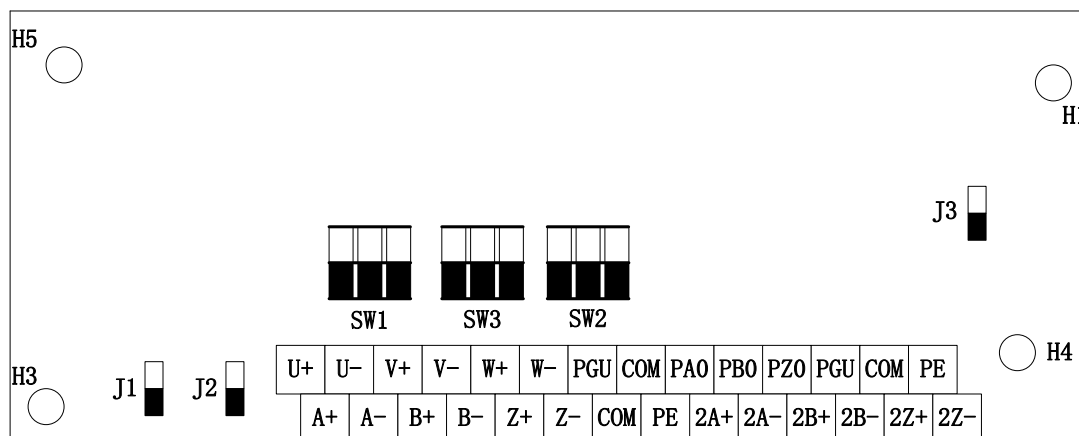


1、PG card layout:



Note: The black fill in the figure indicates the position of a dial or jumper switch

3、DIP and jumper definition:

Name	Content	Description	
J1、J2	COM connect to PE selection		No connect
			connect
J3	PG card power supply		+5V
			+12V
SW1	ABZ input type (Encoder feedback)		Differential
			OC
SW3	UVW input type (Encoder feedback)		Differential
			OC
SW2	Pulse source type (from up controller)		Differential
			OC

4、Terminal wires definition.

4.1 encoder feedback signal

ABZ differential type: connect to A+, A-, B+, B-, Z+, Z- one by one

If no Z signal, don't need be connected. Power + to PGU, GND to COM;

ABZ OC type: put SW1 to correct position , connect to A-、B-、Z-, If no Z signal, don't need be connected. Power + to PGU, GND to COM;

ABZUVW differential type: connect to A+、A-、B+、B-、Z+、Z-、U+、U-、V+、V-、W+、W- one by one, Power + to PGU, GND to COM;

ABZUVW OC type: put SW1, SW3 to correct position, connect to A-、B-、Z-、U-、V-、W-, one by one, Power + to PGU, GND to COM;

4.2 Frequency output: PA0、PB0、PZ0 are for Frequency output, only support OC type output

Frequency division coefficient details please refer to HSD2000 user manual.

4.3 Pulse command from up controller (PLC)

Differential type: connect to 2A+、2A-、2B+、2B-;

OC type: Put SW2 to correct position, and connect to 2A-、2B-;