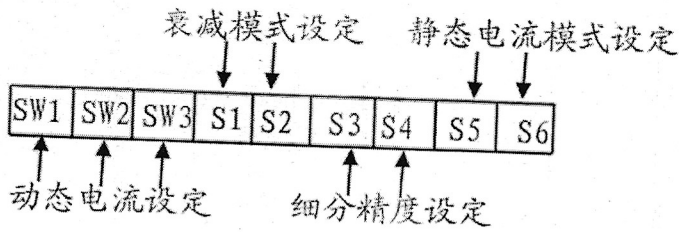# 4. DIP switch (current, segments, decay)

MD430 drive using six DIP switch segments accuracy, decay mode, semi-static flow, dynamic current three toggle settings:

衰减模式设定　　静态电流模式设定

| SW1 | SW2 | SW3 | S1 | S2 | S3 | S4 | S5 | S6 |

动态电流设定　　　细分精度设定

1. Current Settings:

1) Work (Dynamic) Current setting

Output Current	SW1	SW2	SW3
Default	0	0	0
1.0A	0	0	1
0.5A	0	1	0
1.5A	0	1	1
1.5A	1	0	0
2.5A	1	0	1
2.0A	1	1	0
3.0A	1	1	1

2) Static current setting

S5 S6 set Static current, the DIP switch on the left there is a status indicator 0 -> 1 through S5 S6 to set the static current and operating current. To S5: S6 = 0:1, for example, pulse train stopped about 0.4 seconds automatically reduced to about half of the current (actual value 60%), heat reduced to 36% in theory.

Static current	S5	S6	Note
20%	1	1	When the S5, S6 is 1,1, the static current is 20% of
50%	0	1	current value. Generally, the Static current is set to
75%	1	0	minimum to reduce motor and drive heat.
100%	0	0	

2. Segments Settings:

Segments	S3	S4	Note
1	0	0	S3 = 0, S4 = 0, drive segments number is 1,1.8 ° step angle motor turning circle, the whole step = 200 steps / rev. S3 = 0, S4 = 1,1.8 ° step angle motor
2	1	0	
8	1	1	
16	0	1	turning circle, the whole step = 3200 steps / rev.

3. Decay Mode