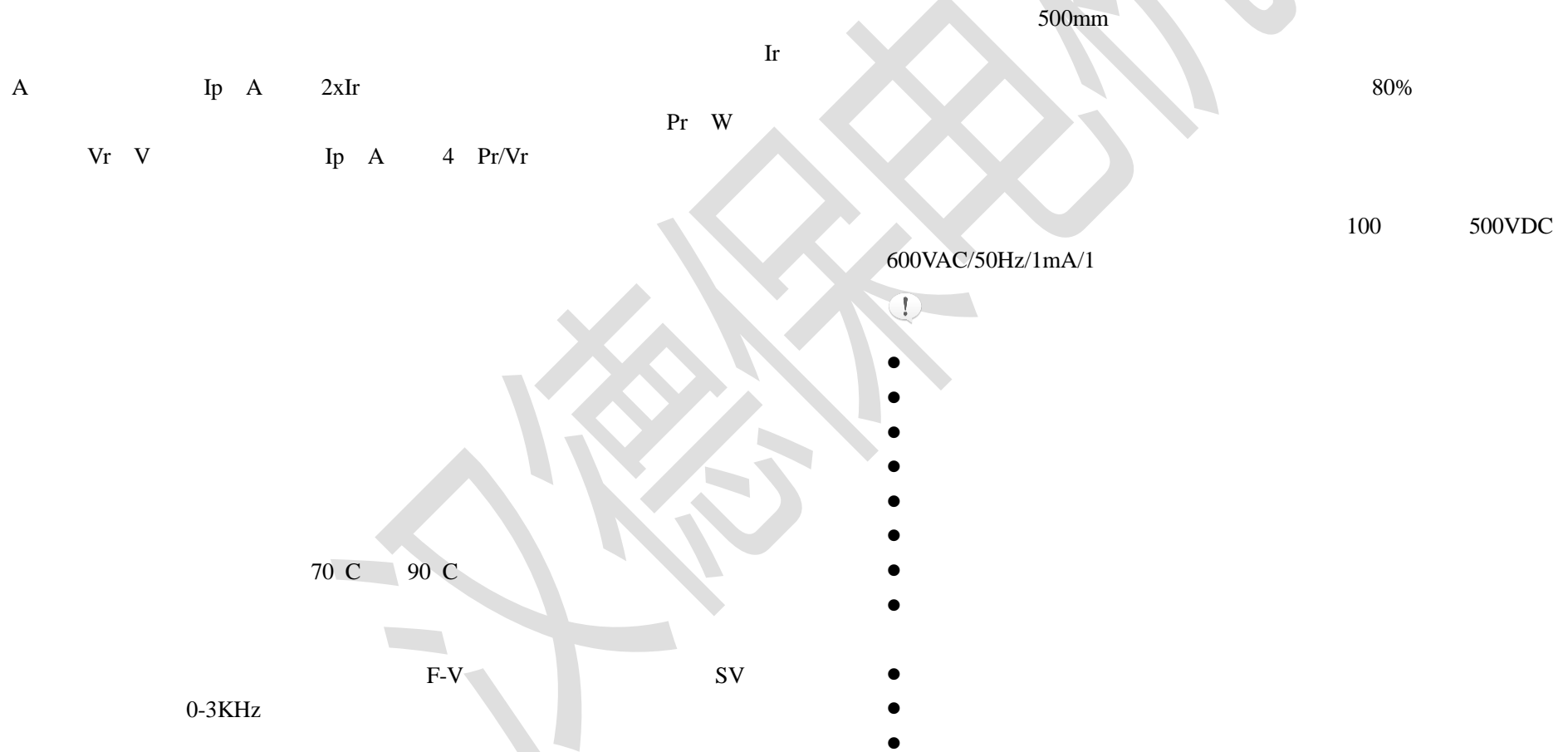


DBL-1250H



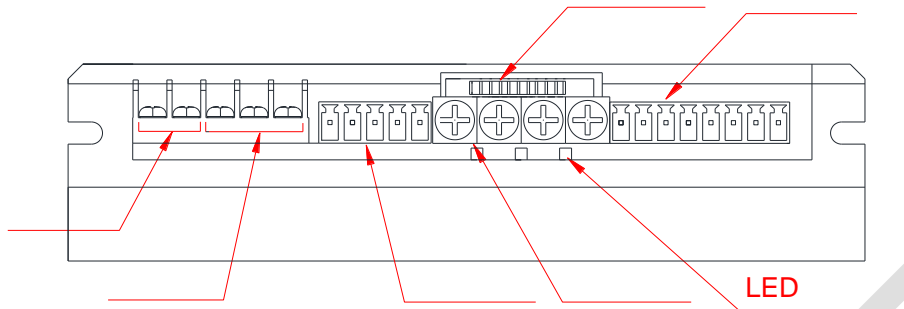
.....4
14
24
34
.....5
1

艾德保电机

	5	12	18	VDC
	-	-	25	A
	-	250	-	W
	-	15	-	KHz
	-3		+3	%
	0	-	100	%
	25	-	100	%
	-	6.25	-	V
	-	-	10	mA
	5	10	10	K
	-	5	-	VDC
	-	18	-	VDC

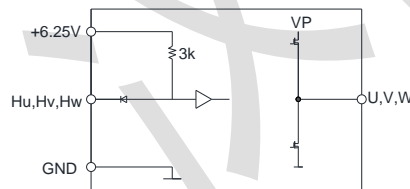
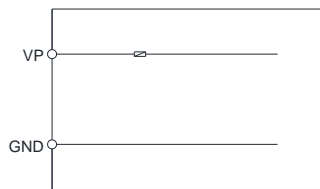
	-10	55	+80°C

40 90%RH



1 DC

1	VP		+5VDC~+18VDC
2	GND		0V
3	U	U	
4	V	V	
5	W	W	



2

1	GND		
2	Hu	Hu	
3	Hv	Hv	
4	Hw	Hw	
5	+6.25V		10mA

3)

1	GND		
2	F/R		
3	EN		
4	BK		
5	SV		
6	PG		OC (30V/10mA max)
7	ALM		
8	+6.25V		10mA

4)LED

SC

P/A /

- 1)
- 2)
- 3)

- 4) 3S
- 5) 80

EN
EN TTL CMOS

SHAFT

BK
BK TTL CMO

LED		
SC		
P/A		
SHAFT		

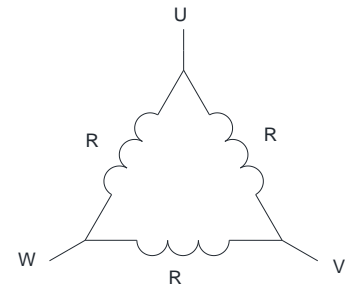
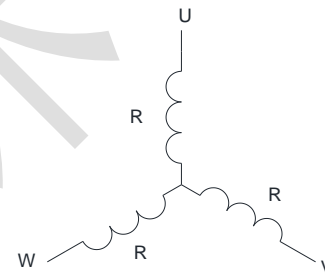
Im
Y 10A
NO

$$N_s = 3 * I_m * R * N_0 / V_p,$$

$$I_m = 30A, 20A \quad I_m = 50A, R$$

$$\text{rpm} \quad V_p$$

$$N_s = I_m * R * N_0 / 3 V_p$$



Y

△

GND

GND

F/R

FR

TTL CMOS

Rx

√

Y

$$R_x = (N_1 - N_s) * V_p / (3 * I_m * N_0)$$

N1

$$R_x = 0.5 * R * (N_1 - N_s) / N_s$$

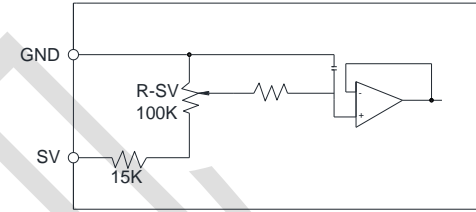
Rx

In2

* Rx In

SV

SV +1~ +5V
 0 ~ +5V +6.5V ,0V +5V



1

R-SV

SV +6.25V(Pin8) R-SV
 SV 5V, R-SV 0.8
 R-SV 0 ~ 0.8
 +6.25V R-SV 0 1.0 SV
 0.25W 27K

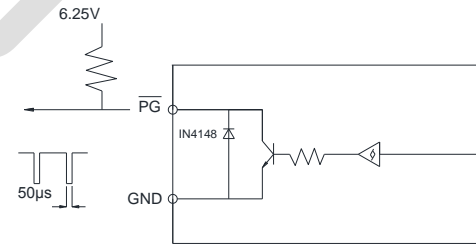
PG

PG OC (30V/10mA max)
 3K ~10K
 (50uS)
 3*N, N

2

+6.25V GND,
 SV

SV 2K ~5K
 R-SV



1.0

3

SV GND
 R-SV SV
 1.0 SV

SV 0~1.0
 0~5V

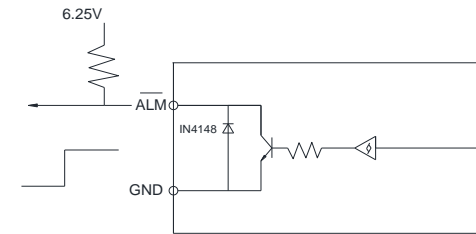
ALM

ALM OC (30V/10mA max)
 3K ~10K GND

4

SV GND
 PWM
 R-SV SV
 1.0 SV

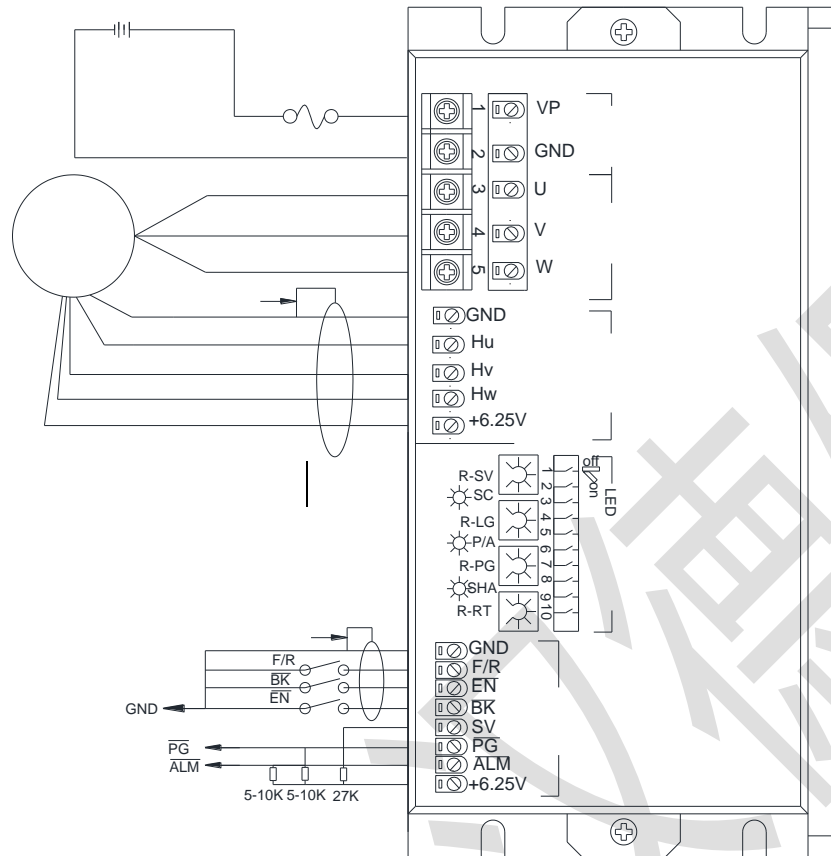
5V 1KHz~2KHz
 0~1.0 R-SV



DBL-1250H

4

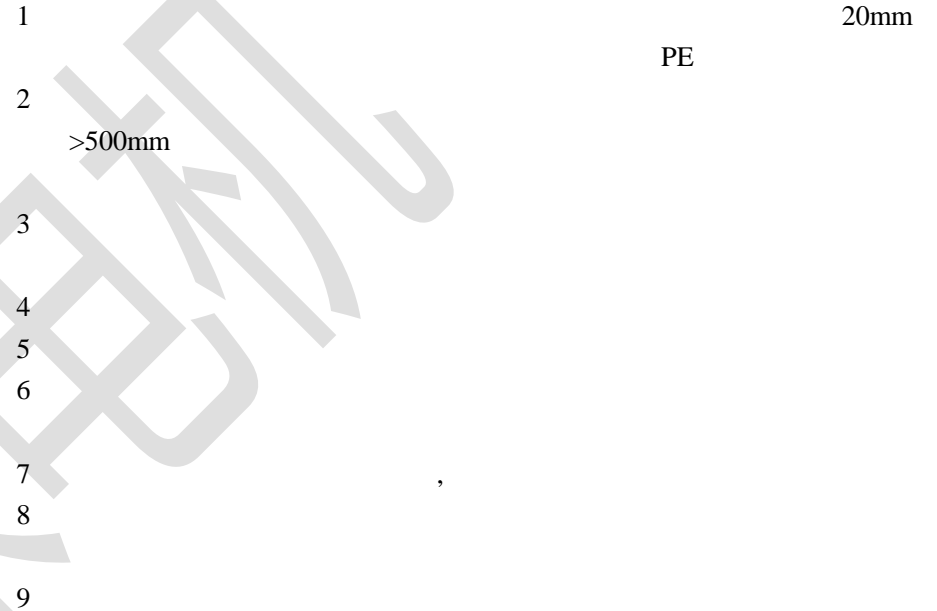
SW1 60 /120 SW2 / SW3,4
 / SW5 SW6
 SW7,8,9,10



enebus

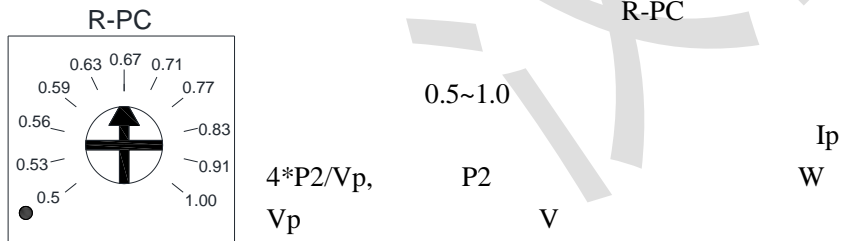
		SW7	SW8	SW9	SW10
5336 /N	rpm	ON	ON	OFF	OFF
5648 /N	rpm	ON	ON	ON	OFF
7112 /N	rpm	OFF	ON	OFF	OFF
7528 /N	rpm	OFF	ON	ON	OFF
10664 /N	rpm	ON	OFF	OFF	OFF
11296 /N	rpm	ON	OFF	ON	OFF
19200 /N	rpm	ON	ON	OFF	ON
21336 /N	rpm	OFF	OFF	OFF	OFF
22592 /N	rpm	OFF	OFF	ON	OFF

SW1	120 deg/e Hall	ON
	60 deg/e Hall	OFF
SW2	Open-loop	ON
	Close-loop	OFF
SW3/4	Speed-loop on	ON/OFF
	Current-loop on	OFF/ON
SW5	Filter time +	ON
	Filter time -	OFF
SW6	Ramp time 1~10s	ON
	Ramp time 0.1~1s	OFF



R-SV SV , R-LG , R-PC
, R-RT

R-SV	SV ratio 0~1.0
R-LG	Loop gain 2~22
R-PC	Peak current ratio 0.5~1.0
R-RT	SV ramp time 1~10x by SW6



4 质量保证

<http://www.hardboy.net>

1 三年保修期

2 维修响应时间

3 保修限制

24

7

7