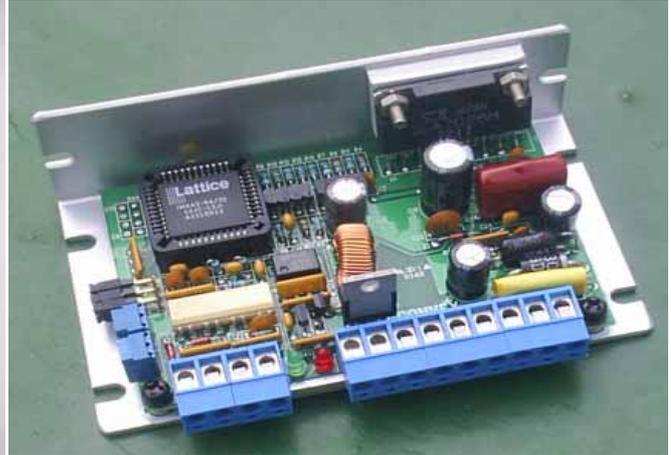


# SPECIFICATION FOR SPDU - A8(D) (SEMI - MICROSTEP DRIVER)



SPDU - A8(C)



SPDU - A8(D)

- : 80KHz (80Kpps)
- : Direction(Pulse) - 1Pulse  
CW/CCW(Pulse) - 2Pulse
- DIRVE : / ( Free)
- : , , ,
- :
- (driver) : DC 15~36V
- : 0.5~2.9A/Phase
- ( 1 ): 200, 400, 800,1600

(SOUTHERN PALACE TRADING)

1540-9 201

TEL : (02)3473-4272 FAX : (02)3473-4273

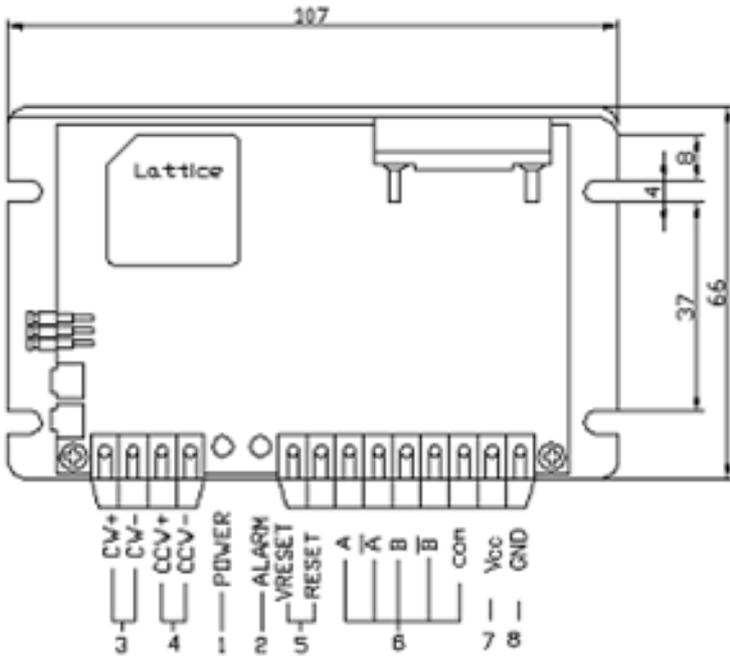
Homepage : <http://www.e-motor.co.kr>

# 1.

---

- < OFF >
- 가 가
- 
- 
- 가 FG 가 가
- < >
- 가 가
- 가 A,  $\bar{A}$
- 
- CASE
- 가 , A/S가 가
- < >
- 10%
- 가
- STOP
- 
- 
- 가
- 
- < >
- OFF 30 가
- 
- 가 가
-

## 2.DRIVE SETTING



A	
$\bar{A}$	
B	
$\bar{B}$	
ACOM	
BCOM	
COM	

.1 SPDU - A8(D) part

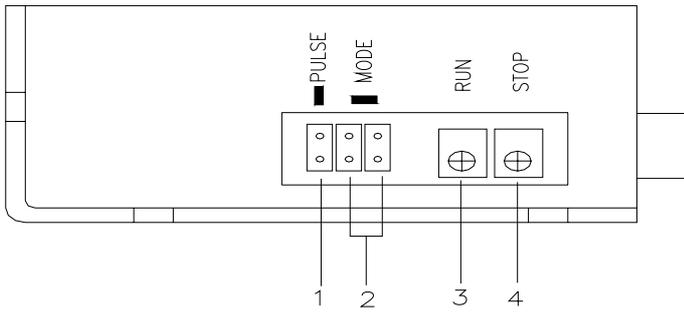
### 2. 1 LED

name	LED	color	
			,
			, short,

### 2. 2 SPDU - A8(D)

<b>DIR +/-</b>	Dir + / - (1 pulse mode) CW + / - (2 pulse mode)	Direction of Rotation +/ - (MODE dip sw 1 : off) Clockwise +/- (MODE dip sw 1 : on)
<b>PLS +/-</b>	Pls + / - (1 pulse mode) CCW + / - (2 pulse mode)	Pulse input +/- (MODE dip sw 1 : off) Counterclockwise +/- (MODE dip sw 1 : on)
<b>Reset +/-</b>	Reset input +/- Motor Free input +/-	FREE
<b>MOTOR</b>	Motor winding connector	
<b>POWER</b>		DC 15Volt ~ 36Volt
		<b>!!</b> —

### 2.3 Dip switch



1) RUN : 가

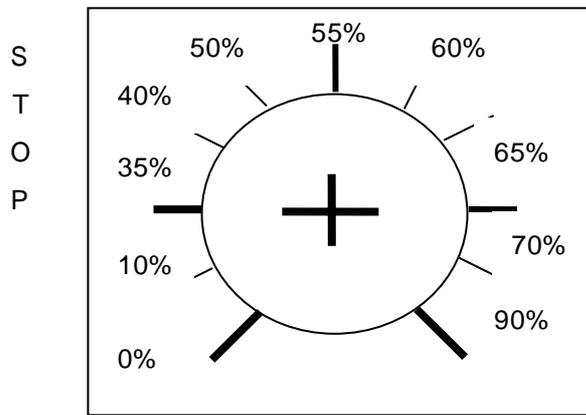
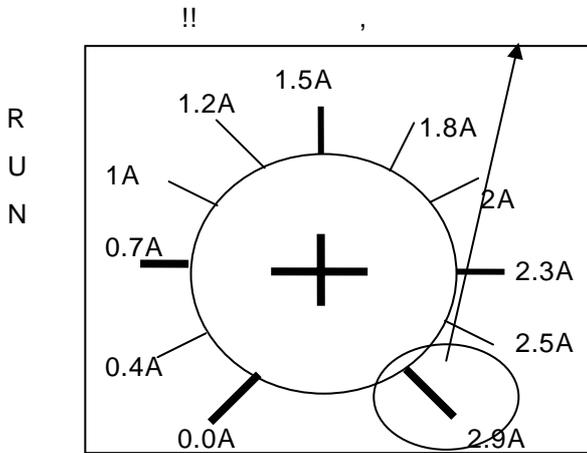
2) STOP :

3)

. 2 dip switch

<b>PULSE</b> (SW. no. 1)		2 pulse mode (dir/pls mode)	OFF : 1 pulse type ON : 2 pulse type
<b>MODE</b> (SW no. 2)	microstep	200 pulses /rotation	1
<b>RUN</b>	RUN	2.9A/ phase	
<b>STOP</b>		50%	100msec

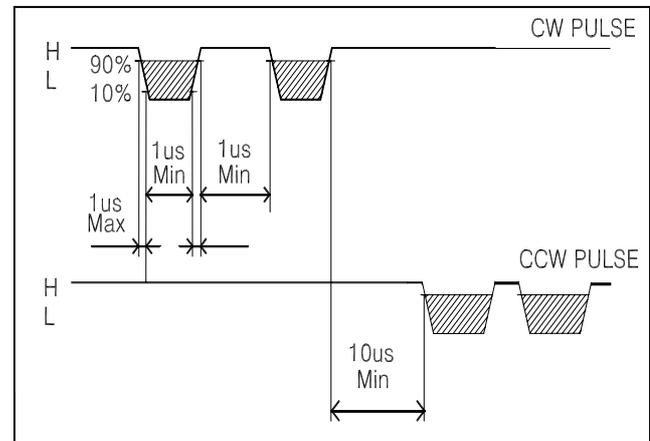
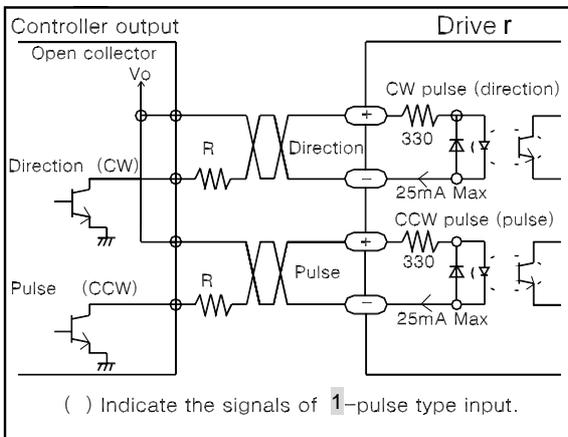
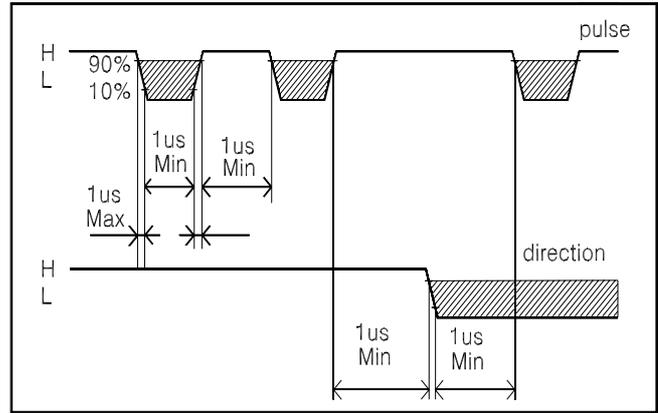
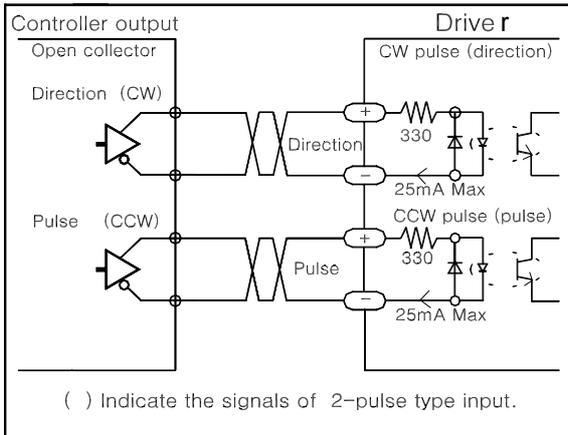
### 2.4 RUN ,STOP CURRENT SETTING



### 2.5 RESOLUTION MODE( )

PULSE No. 1pin		(PULSE/ )				
On( ■ )	2PULSE	PIN	200	400	800	1600
		2PIN	ON	ON	OFF	OFF
Off( ○ )	1PULSE	3PIN	ON	OFF	ON	OFF

### 3.



- 가 가 , HIGH, LOW . open high  
HIGH 가  
OFF LOW 가 (ON) .
- Pulse input – “pulse”, “cw”, “ccw”  
( OFF ) 가  
50kHz 1 microsecond .
- Direction – “Dir”  
High OPEN (CW) . Low  
(CCW) 가
- A, A .
- 10mA .
- Line Driver +/- 가 OFF +/-  
2 pulse MODE CW CCW 가 HIGH  
가 .