

固態繼電器

## Power S.S.R (Normal close)

## Features

- Optically Isolated; AC Output. Normal close type.
- Input LED Indicator.
- High dv/dt and High Blocking Voltage.
- TTL and CMOS Compatible.
- Zero Current Turn-off (minimizes EMI/RFI).
- High Surge Rating Allows Lamp and Motor Load Switching.
- Output Snubber Circuit Protection.



## Order Code

TDB 2 25 R \* \*  
a b c d e f

a: Model: TDB=DC Input, AC Output; Normal close type.

b: Output Voltage: 2=240VAC.

c: Rated Current: 10A, 15A, 25A, 40A

d: Turn-On Type: NIL=Zero-On; R=Random-On.

e: Special Code: NIL=With LED; N=Without LED

f: Option: NIL=Without Safety Cover; C=With Safety Cover

## Input

Type No	TDB
Input Voltage Range	4~32 VDC
Input Current	1.5~4 mA
Min Release Voltage	1 VDC

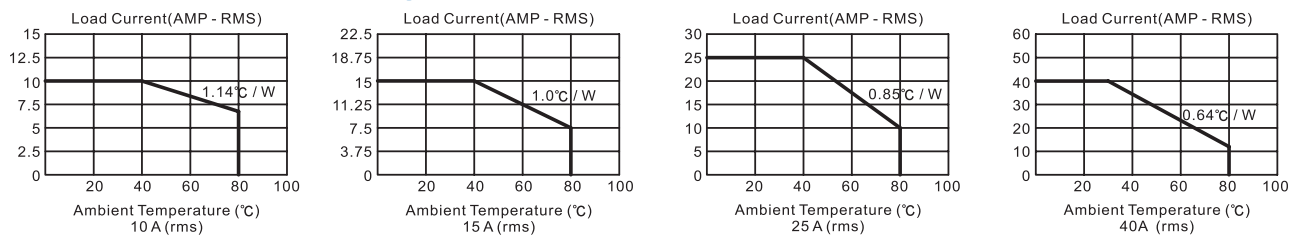
## Output Load

Type No	10 A	15 A	25 A	40 A
Max. Rated Load Current Range	10 A	15 A	25 A	40 A
Max. Surge Current (10ms)	100A	150A	250A	400A
Load Voltage Range	24~280 VAC			
Transient Overvoltage	600 Vp			
Max. On - State Voltage drop	1.6 VAC			
Max. Leakage Current	10 mA			
Max. Turn - On Time	Random-On:1mS		Zero-On:10mS	
Max. Turn - Off Time	10 ms			
Operate Frequency	47~70 Hz			
Max. Power Dissipation	2 W / A			
Min. Off - State dv / dt	250 V / $\mu$ s			

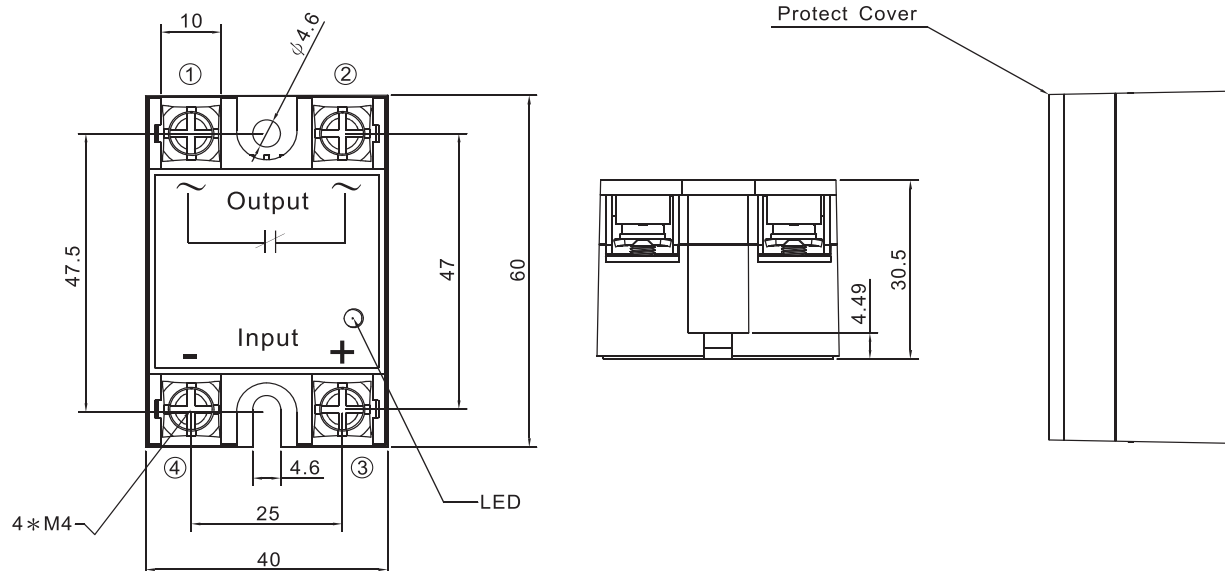
## General Rating

Insulation Resistance	1000 M $\Omega$
Insulation Between Input - Output	3500 VAC
Insulation Input - Output To Case	2000 VAC
Operating Temperature	-30°C ~ +80°C
Storage Temperature	-40°C ~ +100°C
Unit Weight	Approx 120g

## Load Current Derating Curve



## Dimensions (Unit: mm)



## Protect Cover

