

TND Series

D/D-Load Current: 2.0~4.0A

Features

- Optically isolated
- Low On-state resistance
- Low input power consumption
- TTL and CMOS compatible control



Applications

- Household appliance
- Temperature control system
- Industrial automatic control
- Lighting system
- Office appliances
- Factory appliances

Order Code:

TND X XX

a b c

a : Model : TND = DC Input, DC Output

b : Load Voltage Range : 0.6 = 3 - 60VDC

c : MAX Load Current : 02 = 2A, 04 = 4A

Specifications (DC Output)

Input Circuit

Type No	TND 062	TND 064
Nominal Voltage	3 VDC	
Control Voltage Range	3~32VDC	
Input Impedence	1.5k Ω	
Min Turn-Off Voltage	1VDC	

Output Circuit

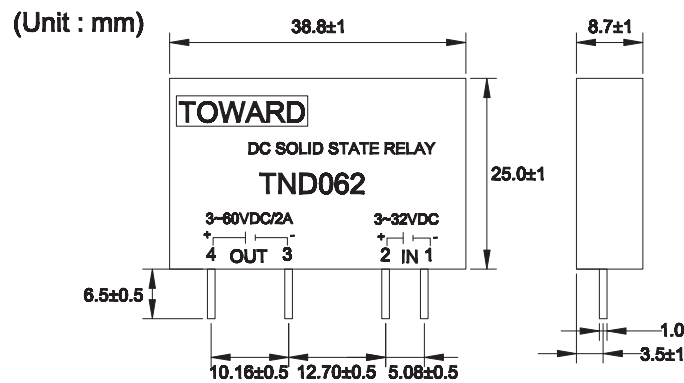
Max.Load Current	2A	4A
Nominal Voltage Range	60 VDC	
Load Voltage Range	3~60 VDC	
Max. Peak Current	10A	8.5A
Max. Off-State Leakage Current	1mA	
Max. ON-State Drop Voltage	1.2V	
Max. Turn - ON Time	2ms	
Max. Turn - OFF Time	2ms	
Min Blocking Voltage	80 VDC	
Capacitance In-Out	15 pF	
Min. OFF-State dv/dt	200V/ μ Sec	

為了持續的改進，敝司有權在不影響規格範圍的情況下修改設計。

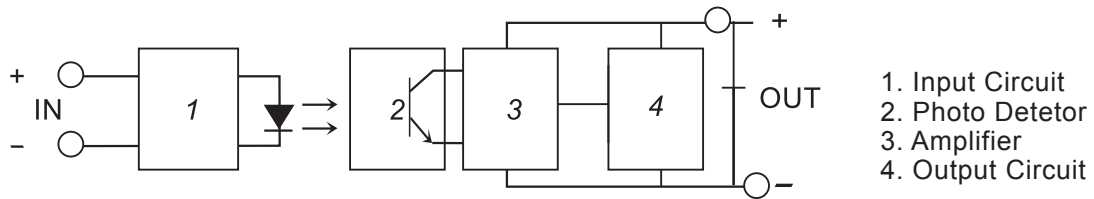
In the interest of continuous development, our companies reserve the right to alter designs within specification range.

General Characteristics		
Type No.	TND 062	TND 064
Dielectric Strength Input-Output	2500 V.r.m.s.	
Isolate Impedence	10 ⁹ Ω	
Operating Temperature Range	-20°C ~+80°C	
Storage Temperature Range	-30°C ~+100°C	
Weight	10g Max.	12g Max.

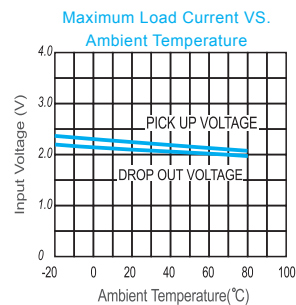
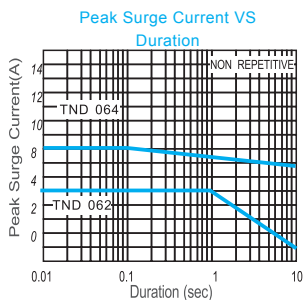
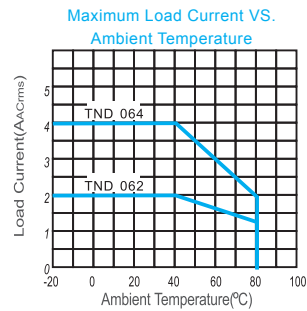
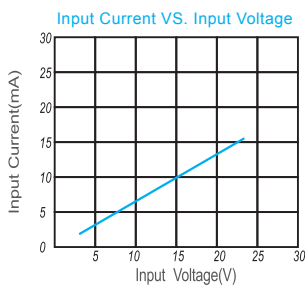
Dimensions : (Unit : mm)



EQUIVALENT CIRCUIT



CHARACTERISTIC CURVES



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