

TNA Series

D/A·Load Current:2.0~6.0A

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:

TNA X XX

a b c

a : Model : TNA = DC Input, AC Output

b : Load Voltage Range : 2 = 24 - 280VAC, 4 = 24 - 480VAC

c : MAX Load Current : 02 = 2A, 03 = 3A, 04 = 4A, 05 = 5A, 06 = 6A

Specifications (AC Output)

Input Circuit

| | |
|-----------------------|---------------|
| Control Voltage Range | 3~32VDC |
| Pick-Up Voltage | 3VDC MAX |
| Input Impedence | 1.5k Ω |
| Must Turn-On Voltage | 1VDC Max. |
| Max. Input Voltage | 32VDC |

Output Characteristics (at20°C)

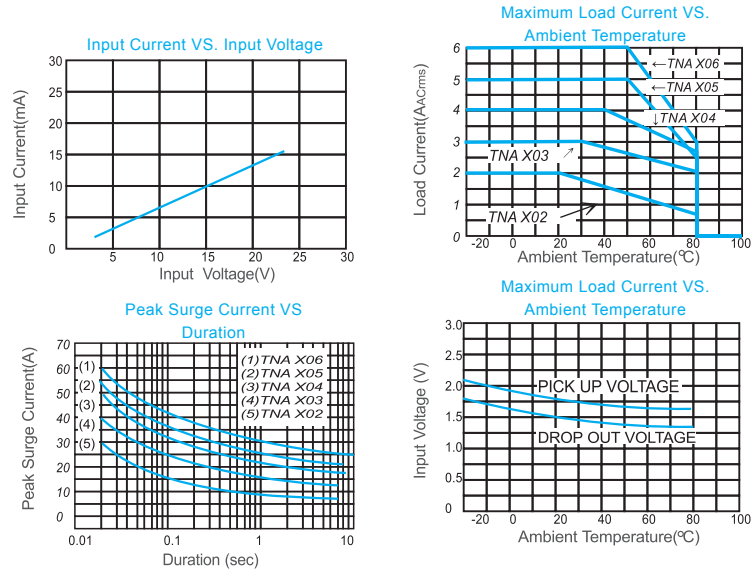
| Type No | 202 | 203 | 204 | 205 | 206 | 402 | 404 | 405 | 406 |
|--------------------------------|-------------|-------|-----|----------|-----|-----------|----------|-----|-----|
| Load Current Range (A) | 2 | 3 | 4 | 5 | 6 | 2 | 4 | 5 | 6 |
| Operating Range | 24~280VAC | | | | | 24~480VAC | | | |
| Non Repetitive Max. Voltage | 600 Vpk | | | | | 1200 Vpk | | | |
| Max. 1-CYCLE Peak Surge(A) | 30 | 40 | 50 | 55 | 60 | 20 | 40 | 50 | 60 |
| On State Drop Voltage | 1.5 VAC | 2 VAC | | | | | | | |
| Max. Off-State Leakage Current | 5mA | | | | | | | | |
| Turn - ON Time (at 50Hz) | 1/2AC CYCLE | | | | | | | | |
| Turn - OFF Time (at 50Hz) | 1/2AC CYCLE | | | | | | | | |
| Min. OFF-State dv/dt | 100 V/ms | | | 200 V/ms | | | 500 V/ms | | |
| Zero-On or Random-On | Zero-On | | | | | | | | |

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 | |
|----------------------------------|-------------------|
| Isolation Impedence | 10 ⁹ Ω |
| Dielectric Strength Input-Output | 2500 VAC |
| Frequency Range | 47~70HZ |
| Max. Capacitance | 15pF |
| Operating Temperature Range | -20°C ~+80°C |
| Storage Temperature Range | -30°C ~+100°C |
| Weight | 12g Max. |

Output Characterize



Dimensions (Unit : mm) Bottom View

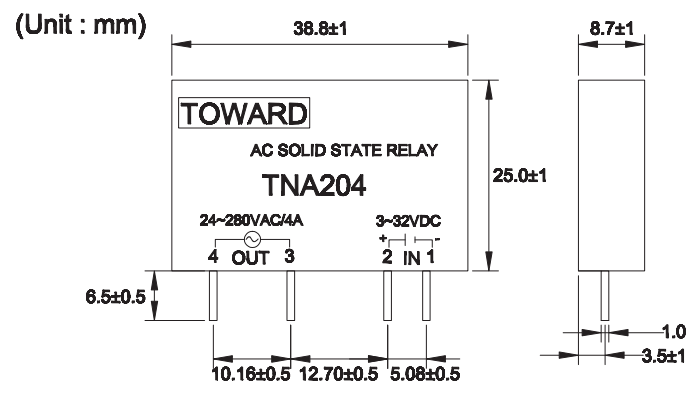
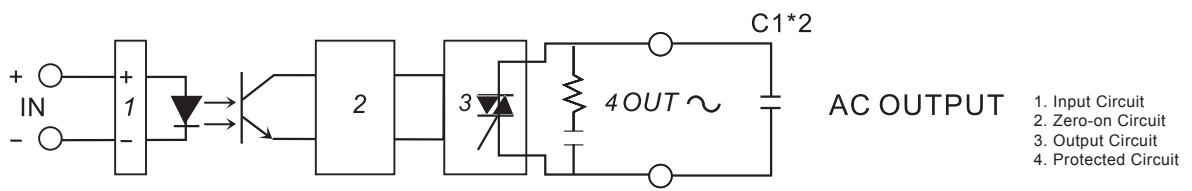


Photo - Triac



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