Solid State Relay

TA600 Series • AC Output

TA625 shown

- **UL Listed**
- **Arc Free Switching**
- **Opto-Isolated Input Circuits**
- **Compatible with DTL and TTL Logic**

The Trerice **TA600 Series** Solid State Relay has no moving parts, rendering it impervious to shock and vibration, and giving it a virtually infinite life.

HOW TO ORDER

Please order using Item Number **TA610**, **TA625** or **TA640**

Specifications

Models

TA610: 10 A output
TA625: 25 A output
TA640: 40 A output

Case Epoxy molded with aluminum baseplate

Connection Screw terminals

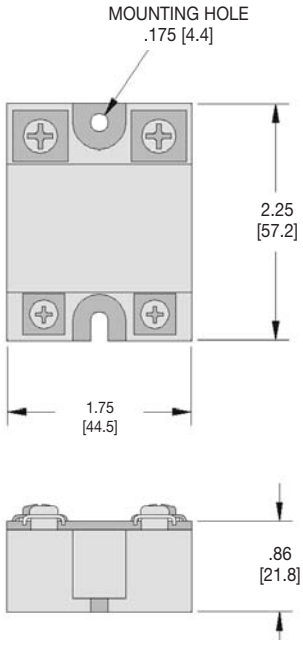
Input
Voltage: 3-32 VDC
Impedance: 1000Ω minimum
Must turn on: 3.0 VDC
Must turn off: 1.0 VDC
Isolation signal to load: 7000 VDC
Isolation signal to base: 2500 VDC
Capacitance signal to load: 15 pt

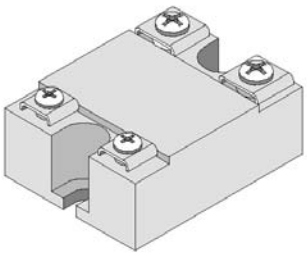
Output
Voltage: 20~300 Vrms
Typical turn-on voltage: 5 Vrms
Response time: 0.5 cycle max.
OFF state DV/DT: 200 V/m sec
OFF state leakage current: 15 mA
Max. non-repetitive single cycle surge current: 400 A
Cycle surge current: 400 A
IT for fusing (T=8.3 ms): 400 AS
Peak inverse voltage: 600 Vpk

Ambient Temperature
-20˚F (-30˚C) to 140˚F (60˚C)

Approximate Shipping Weight
0.2 lbs [0.09 kg]

All dimensions are nominal. Dimensions in [ ] are in millimeters.





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