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**

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

### Specifications

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<th>Models</th>
<th>Output Type</th>
<th>Output Voltage</th>
<th>Typical Turn-on Voltage</th>
<th>Response Time</th>
<th>OFF State DV/DT</th>
<th>OFF State Leakage Current</th>
<th>Max. Non-Repetitive Single Cycle Surge Current</th>
<th>Cycle Surge Current</th>
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<th>Peak Inverse Voltage</th>
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<td>200 V/m sec</td>
<td>15 mA</td>
<td>400 A</td>
<td>400 A</td>
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</table>

**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
- 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]