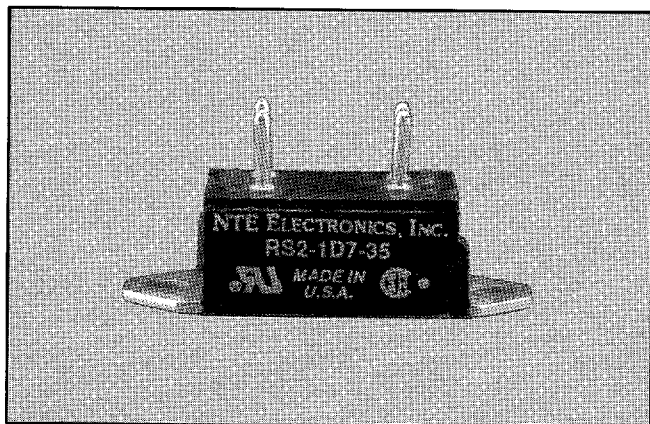


Features

- Compatible with TTL Gates
- Push-on connector terminals
- Mounts on a TO3 transistor heat sink



Input Specifications

Control Voltage:

RS2-1D7-33 5VDC

RS2-1D7-35 12VDC

Max Pick-up Voltage:

RS2-1D7-33 4.3VDC

RS2-1D7-35 10.3VDC

Min Drop-out Voltage: 1.5VDC

Max Input Current: 15mADC

Output Specifications

Nom. Off-State Voltage: 120V (RMS)

Non-Repetitive Peak Voltage: 400V

Min-Max Off-State Voltage: 20V to 260V (RMS)

Rated Load Current: 7A (RMS)

Min. Load Current: 20mA (RMS)

Non-Repetitive Surge Current: 50A

Max. Off-State Leakage Current: 100 μ A (RMS)

Max. On-State Voltage: 1.8V (RMS)

Electrical Specifications

Operational Characteristics

Response Time: Turn-On 16mS Max
Turn-Off 60mS Max

Max. Rate of Rise of Off-State Voltage:

Blocking 100V/ μ S

Commutating 4V/ μ S

Dielectric Strength (Input-Output Isolation): 2500VAC

Insulation Resistance (@ 500VDC): 10,000M Ω

Max. I²t for Fusing (8.3mS): 24

Environmental Characteristics

Operating: -40°C to +65°C

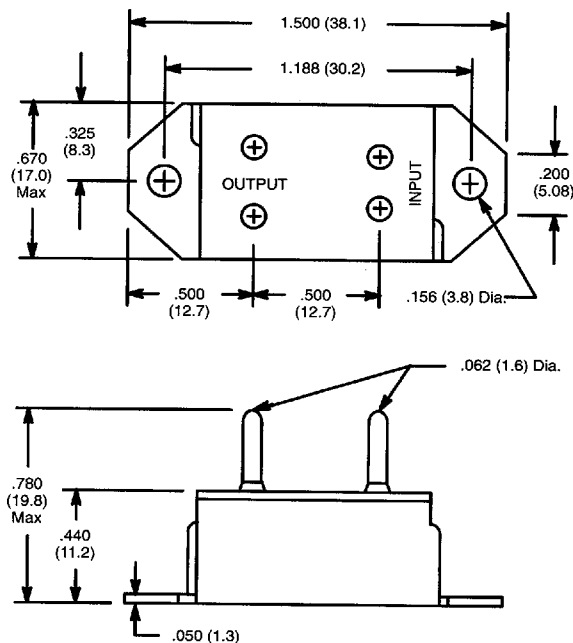
Storage: -40°C to +100°C

RS2 Series



Printed Circuit Board Mountable Solid State Relay-7 Amp

D37



Schematic showing typical TTL input connections

