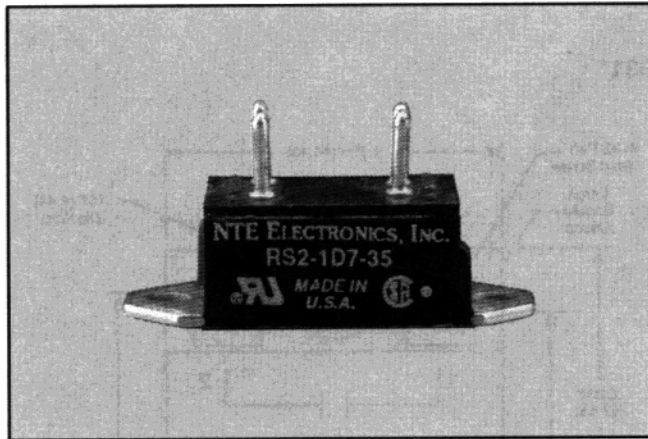


Features

- 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

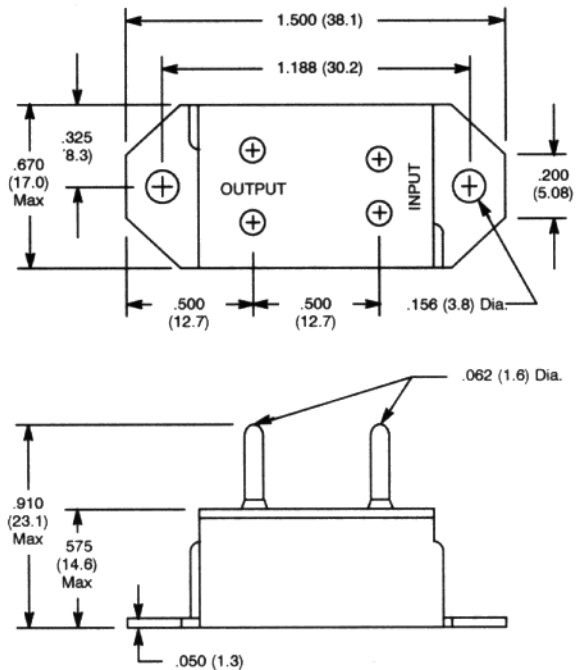
Storage: -40°C to +100°C

RS2 Series



Printed Circuit Board Mountable Solid State Relay-7 Amp

D37



Schematic showing typical TTL input connections

