

Features

- Compatible with TTL Gates
- Push-On Connector Terminals
- Mounts on a TO3 Transistor Heat Sink

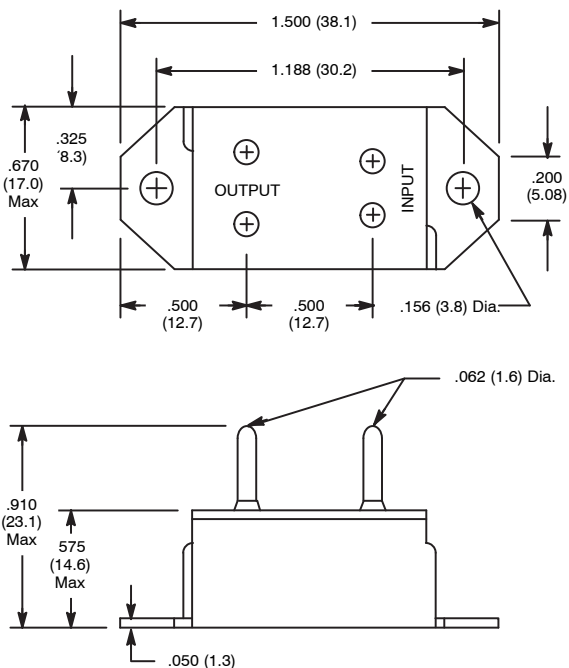
RS2 Series



Printed Circuit Board Mountable Solid State Relay, 7 Amp.



D37



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: 100μA (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/μS
Commutating	4V/μS

Dielectric Strength (Input-Output Isolation): 2500VAC

Insulation Resistance (@ 500VDC): 10,000MΩ

Max. I²t for Fusing (8.3mS): 24

Environmental Characteristics

Operating: -40°C to +65°C

Storage: -40°C to +100°C

Schematic showing typical TTL input connections

