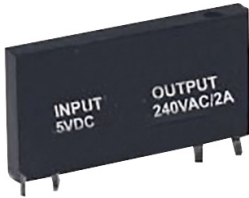# PCB Mount Solid State Relay
Single Phase AC Output

RoHS Compliant

Description

This is AC output solid state relay with small size. The control voltage is 5V DC and 24V DC. Output current is 2A, output voltage is 240V AC. Suitable for high density PCB mounted or PLC control applications.

Application

Suitable for high density PCB mounted or PLC control applications.

Features

- TTL,COMS Drive Compatible
- Optoelectronics Isolation
- Control Voltage: 5V DC and 24V DC
- DIN Rail Mounted
- Standard Footprint Package
- Dielectric Strength 2500V ACrms

Technical Specification

Input Circuit		
Control Voltage Range	5V DC	4-6V DC
	24 V DC	19.2-28.8V DC
Minimum Turn-on Voltage	5V DC	4V DC
	24V DC	19.2V DC
Minimum Turn-off Voltage	5V DC	1V DC
	24V DC	2.4V DC
Maximum Input Current		25mA
Output Circuit		
Load Voltage Range		24-280V AC
Maximum Transient Voltage		600Vpk
Load Current Range		0.1 - 2A
Maximum Turn-on Time	Zero Crossing	10ms
Maximum Turn-off Time		10ms
Maximum Surge Current [@10 ms]		80A
Maximum Off-State Leakage Current [@ Rated Voltage]		1.5mA
Maximum On-State Voltage Drop [@ Rated Current]		1.5Vrms
Minimum Off-State dv/dt [@ Maximum Rated Voltage]		200V/µs

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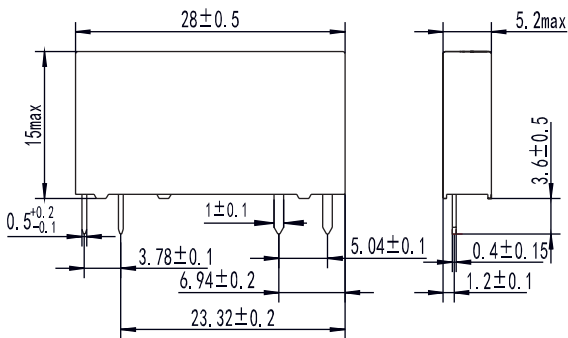Element14.com/multicomp-pro

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Page <1>   28/04/20   V1.0
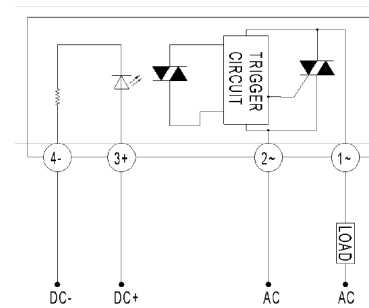
PCB Mount Solid State Relay
Single Phase AC Output

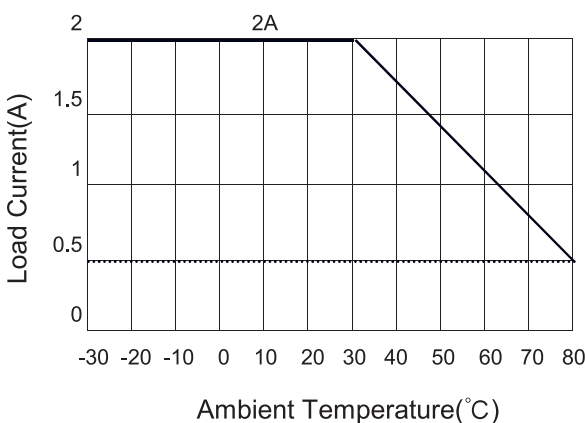| General Information	
Dielectric Strength, Input/Output(50/60Hz)	2500Vrms
Insulation Resistance	1000MΩ(@500V DC)
Ambient Operating Temperature Range	-30°C ~ +80°C
Ambient Storage Temperature Range	-30°C ~ +100°C
Weight (Typical)	4g

Installation Drawing

Dimensions : Millimetres

Wiring Diagram

Thermal Curve

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Page <2>   28/04/20   V1.0

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Part Number Table

Description	Part Number
SSR, PCB Mount, 2A, 240V AC, 24V DC, Zero Crossing	MC002257
SSR, PCB Mount, 2A, 240V AC, 5V DC, Zero Crossing	MC002258

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Page <3>   28/04/20   V1.0