

Panel Mount Solid State Relay

Single Phase DC Output

multicompPRO



Description

The DC output panel mounted solid state relay. Control voltage is 4-32V DC, load voltage is 0-200V DC, output current is 20A. Opto-isolation between input and output, dielectric strength $\geq 2500\text{VACrms}$.

**RoHS
Compliant**

Application

Suitable for DC heating, DC power, DC valve, DC motor, Solar Energy and so on.

Features

- With IP20 Touch-Safe Cover
- Ratings: 20A @ 200V DC
- 4-32VDC Control Input
- Dielectric Strength $\geq 2500\text{V ACrms}$
- Opto-isolation
- Panel Mounted

Technical Specification

Input Circuit	
Control Voltage Range	4-32V DC
Minimum Turn-on Voltage	4V DC
Minimum Turn-off Voltage	1V DC
Maximum Input Current	28mA @ 32V DC
Output Circuit	
Load Voltage Range	0-200V DC
Load Current Range	0.001 - 20A
Maximum Surge Current(@10ms)	60A
Maximum Turn-On Time	100 μ s
Maximum Turn-Off Time	100 μ s
Maximum Off-State Leakage Current [@ Rated Voltage]	0.1mA
Max. on-state resistance	30m Ω max.(@T _A = 25°C)
General Information	
Dielectric Strength, Input/Output/Base (50/60Hz)	$\geq 2500\text{Vrms}$
Ambient Operating Temperature Range	-30°C ~ +80°C
Ambient Storage Temperature Range	-30°C ~ +100°C
Weight (Typical)	90g

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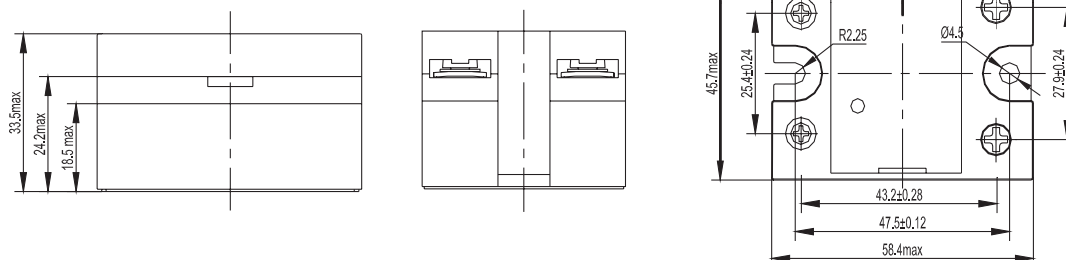
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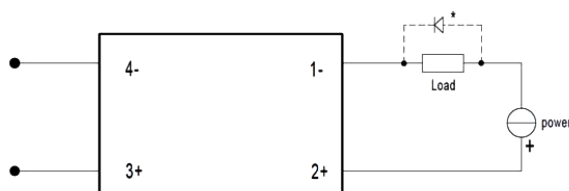
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Installation Drawing



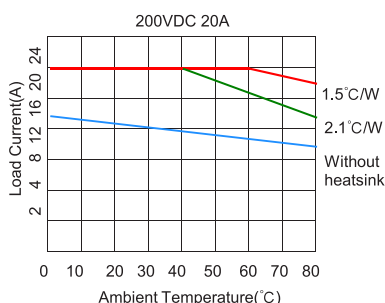
Dimensions : Millimetres

Wiring Diagram



*Inductive loads must be diode suppressed.

Thermal Curve



Part Number Table

Description	Part Number
SSR, Panel Mount, 20A, 200V DC, 4-32V DC, Zero Crossing, IP20, DC Switch	MC002364

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