

Panel Mount Solid State Relay

Single Phase DC Output

multicomp PRO

**RoHS
Compliant**



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 $\geq 2500\text{VACrms}$.

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

Newark.com/multicomp-pro
Farnell.com/multicomp-pro
Element14.com/multicomp-pro

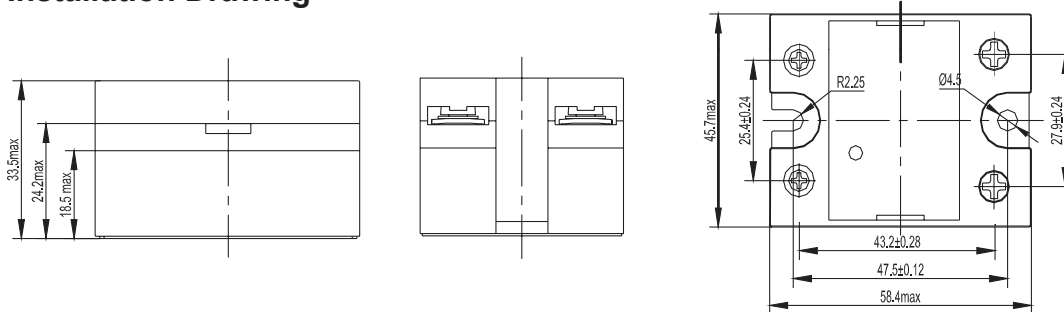
multicomp PRO

Panel Mount Solid State Relay

Single Phase DC Output

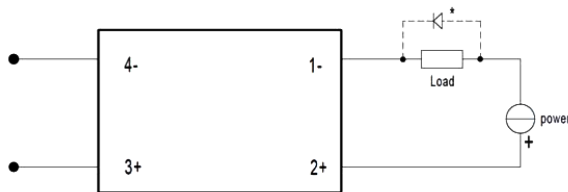
multicomp PRO

Installation Drawing



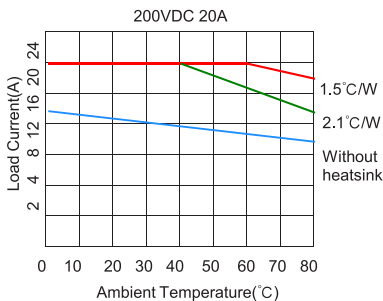
Dimensions : Millimetres

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

Important Notice : This data sheet and its contents (the "Information") belong to the members of the AVNET group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp Pro is the registered trademark of Premier Farnell Limited 2019.

Newark.com/multicomp-pro
Farnell.com/multicomp-pro
Element14.com/multicomp-pro

multicomp PRO