Panel Mount Solid State Relay
Single Phase DC Output

multicompPRO

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 ≥2500VACrms.

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≥2500V 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	100µs
Maximum Turn-Off Time	100µs
Maximum Off-State Leakage Current [@ Rated Voltage]	0.1mA
Max. on-state resistance	30mΩ max.(@T_A = 25°C)
General Information	
Dielectric Strength, Input/Output/Base (50/60Hz)	≥2500Vrms
Ambient Operating Temperature Range	-30°C ~ +80°C
Ambient Storage Temperature Range	-30°C ~ +100°C
Weight (Typical)	90g

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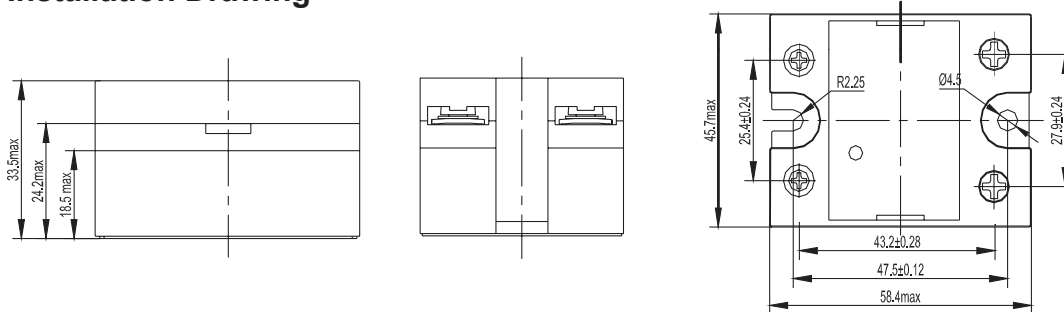Farnell.com/multicomp-pro
Element14.com/multicomp-pro

multicompPRO

Page <1>   29/06/20   V1.0

Panel Mount Solid State Relay
Single Phase DC Output

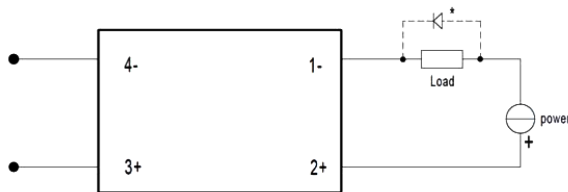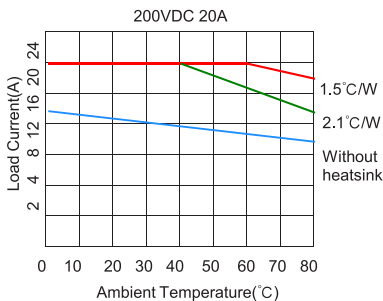**multicomp** PRO

Installation Drawing

Dimensions : Millimetres

Wiring Diagram

*Inductive loads must be diode suppressed.

Thermal Curve

200VDC 20A

Load Current(A)

1.5°C/W
2.1°C/W
Without heatsink

Ambient Temperature(°C)

Part Number Table

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

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

multicomp PRO

Page <2>   29/06/20   V1.0