



- » Optically Isolated
- » Low On-state Resistance
- » Low Input Power Consumption
- » TTL and CMOS compatible
- » RC networks (VAC)
- » UL requested

General specifications

	AC	DC
Dielectric insulation (between input & output)	4KVrms, 1min	3750Vrms
Operating temperature	-20 °C to 80 °C	
Storage temperature	-40 °C to 100 °C	-25 °C to 80 °C
Ambient humidity	Operating: up to 85%	
Maximum Soldering Heat	220 °C (10sec)	
CE marking	Yes	

Input specifications

Nominal Voltage	24VDC
Control voltage range	18 - 32VDC
Input current (max)	9/16 mA @= 5V/24V
Control current	7,7mA
Impedance	3000Ω
Release voltage	1V
Maximum reverse voltage	32VDC

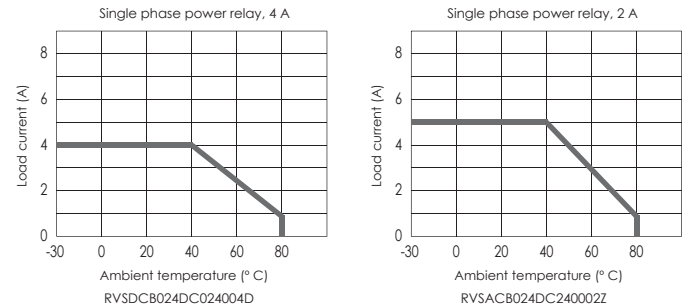
Output specifications

	AC	DC
Maximum load current (AC51 @ Ta = 25° C)	4A, 2A	
Load voltage	24V	
Frequency range	50 - 60Hz	
Max. non-repetitive peak voltage	600V	60V
Max. non-repetitive peak current (t=10ms)	80A	7A
Maximum off state leakage current	<1,5mA	<1mA
Minimum off state dv / dt	500V/μs	-
Maximum on state voltage	1,2V	0,24V (at IL=2A)
Minimum load current	50mA	1mA
Turn On Time (at nominal voltage)	100μs	50μs
Turn Off Time (at nominal voltage)	1/2 cycle +1ms	600μs
Breakdown voltage	36V	-
Static output on- Resistance (at IL=2A)	-	50μs
Peak power dissipation	-	600W

References

Product series RVS: RVS relays series	RVS	AC	B	032	DC	240	002	Z	Relay type Z: zero crossing R: random D: DC
Output voltage type AC: VAC voltage DC: VDC voltage									
Printed circuit									
Control voltage									
Control voltage type									
Output voltage 24: 24V (only DC) 48: 48V (only DC) 100: 100V (only DC) 240: 240V (only AC)									
Amps 002: 2A (only AC) 004: 4A (only DC)									

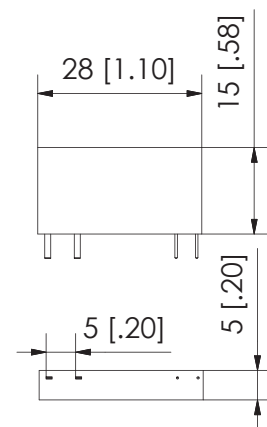
Load current vs. ambient temperature



Housing specifications

Dimensions (L x W x H mm)	22x5x15
Weight	4g
Baseplate	-

Dimensions (mm. inch)



Diagram

