

ARTICLE CODE

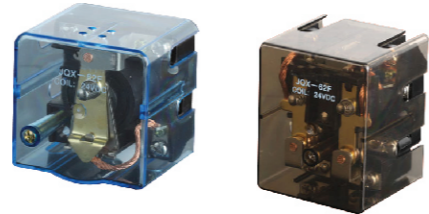
S29 2C DC12V

S29(JQX-62F) Series

Coil Voltage
6~110VDC
6~220VAC

Contact Ratings
1C,1A,1B,2C,2A,2B

Model Name:S29



- Main Features:
- Various specifications.
 - With open type, dust proof cover type.

PERFORMANCE(at initial value)

Item	Type	1C,1A,1B	2C,2A,2B
Contact Resistance		100mΩ Max.(Initial Value)	
Operate Time		25msec Max.	
Release Time		25msec Max.	
Pull In Voltage(VDC)		DC:75%Max,AC:80%Max	
Drop Out Voltage(VDC)		DC:10%Max,AC:30%Max	
Max. Allowable Voltage(VDC)		110%Max	
Coil Nominal Voltage		DC:6V,9V,12V,24V,36V,48V,110V,220V AC:6V,9V,12V,24V,36V,48V,110V,220V,240V	
Power Consumption(W)		DC:2.0W AC:10.0VA	
Dielectric Strength between Coil & Contact between Contact between Contact		2500VAC (1min) 1500VAC (1min) 1500VAC (1min)	
Insulation Resistance		1000MΩ Min.(DC500V)	
Operating Ambient Temperature		-55℃ ~+70℃	
Humidity		35 to 80% RH	
Rated Carrying Current		120A/250VAC 120A/30VDC	80A/250VAC 80A/30VDC
Vibration Resistance		10G(10~55Hz) (Dual Amplitude:1.0mm)	
Shock Resistance		10G	
Life Expectancy Mechanically Electrically		10,000,000 ops.Min.(18000 ops./h) 100,000 ops.Min.(1800 ops./h)	
Weight		210g(approx.)	330g(approx.)

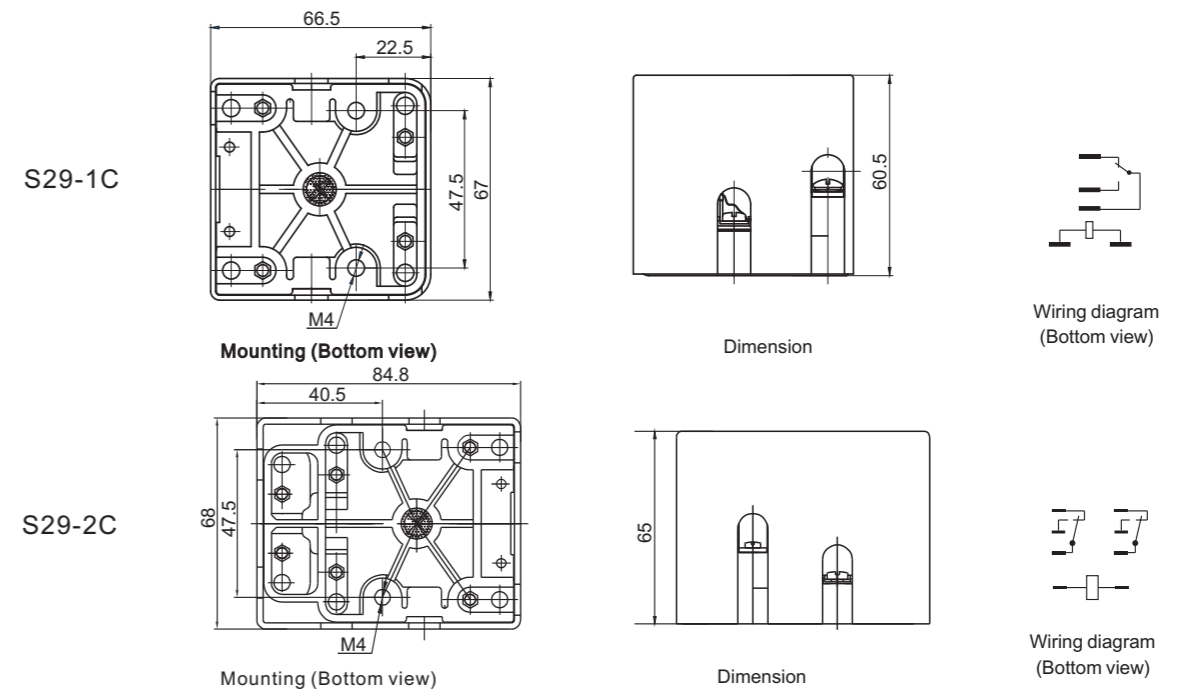
COIL RATING(at 20℃)

	Nominal Voltage (VDC)	Coil Resistance (Ω)(±10%)	Power Consumption(W)	Nominal Current (mA)(±10%)	Pull In Voltage (VDC)	Drop Out Voltage (VDC)	Max. Allowable Voltage (VDC)
DC	6V	18Ω	2.0W	333.3mA	75% MAX	10% MIX	110%
	12V	72Ω		166.7mA			
	24V	290Ω		82.8mA			
	48V	1152Ω		41.7mA			
	60V	2800Ω		21.4mA			
	110V	9650Ω		11.4mA			

	Nominal Voltage (VAC)	Coil Resistance (Ω)(±10%)	Power Consumption(VA)	Pull In Voltage (VAC)	Drop Out Voltage (VAC)	Max. Allowable Voltage (VAC)
AC	6V	9Ω	10.0VA	80% MAX	30% MIX	110%
	12V	36Ω				
	24V	144Ω				
	48V	576Ω				
	110V	3500Ω				
	220V	12000Ω				
240V	14400Ω					

OUTLINE DIMENSION, WIRING DIAGRAM & PC BOARD LAYOUT

Unit: mm



Remark: 1) In case of no tolerance shown in outline dimension: outline dimension ≤1mm, tolerance should be ±0.2mm; outline dimension >1mm and ≤5mm, tolerance should be ±0.3mm; outline dimension >5mm, tolerance should be ±0.4mm.
2) The tolerance without indicating for PCB layout is always ±0.1mm.

WIRING DIAGRAMS(Bottom View)

