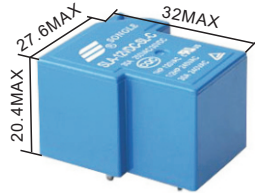


SLA Series SUBMINATURE HIGH POWER RELAY 4P 16A/20A/30A



CQC08002027666
CQC08002027668



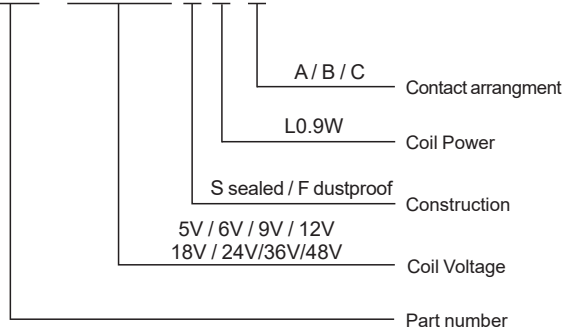
RoHS
Compliant

Features

- Miniature volume, PCB usage
- Contact rating: 16A/20A/30A
- Dielectric voltage choice: 2000V/4000V
- Temperature range: +85°C/+105°C

Ordering Information

SLA-xxVDC-S L-C



Contact Rating

Contact arrangement	A / B / C
Contact resistance	100m Ω
Contact material	Silver alloy: AgCdO、AgSnO ₂ 、AgNi
Contact rating	1HP/16A/120VAC 20A/250VAC 30A/250VAC
Max switching voltage	250VAC
Max switching current	30A
Max switching power	7200VA
Electrical endurance (frequency: 1800 ops/h)	1x10 ⁵ ops / 1x10 ⁴ ops
Mechanical endurance (frequency: 18000 ops/h)	1x10 ⁷ ops

Characteristics

Insulation system	B / F
Insulation resistance	100MΩ (500VDC)
Dielectric Strength	Between contacts and coil: 2000/4000VAC 1minute
Leakage current 1mA	Between open contacts: 1000VAC 1 minute
Operate time(Under nominal voltage)	≤10ms
Release time(Under nominal voltage)	≤10ms
Humidity	45% ~85% RH (20°C)
Ambient Temperature	-40°C~+85°C/-40°C~+105°C
Shock resistance	Functional: 98m/s ² Destructive: 980m/s ²
Vibration resistance (Double amplitude)	10Hz~55Hz 1.5mm
Weight	Approx 23g
Construction	Sealed

Remark: 1) All above data is initial value

Coil Data

(at 20°C)

Power dissipation W	Voltage VDC	Current mA	Resistance Ω ± 10%	Pick-up voltage	Drop-out voltage	Max allowable
0.9W (L)	05	185	27	75%Max	10%Min	130%
	06	150	40			
	09	100	90			
	12	75	160			
	18	50	380			
	24	37.5	640			
	36	25	1440			
	48	18.75	2560			

This product specification only for your reference, we will not notify you if we do any improvement. We reserve all the right for the final explanation



SLA Series SUBMINATURE HIGH POWER RELAY 4P 16A/20A/30A

Safety Approval Ratings

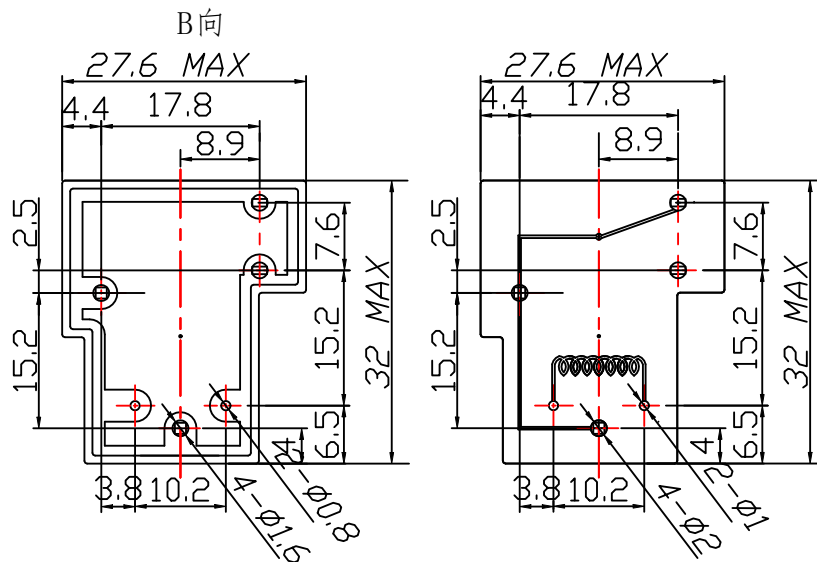
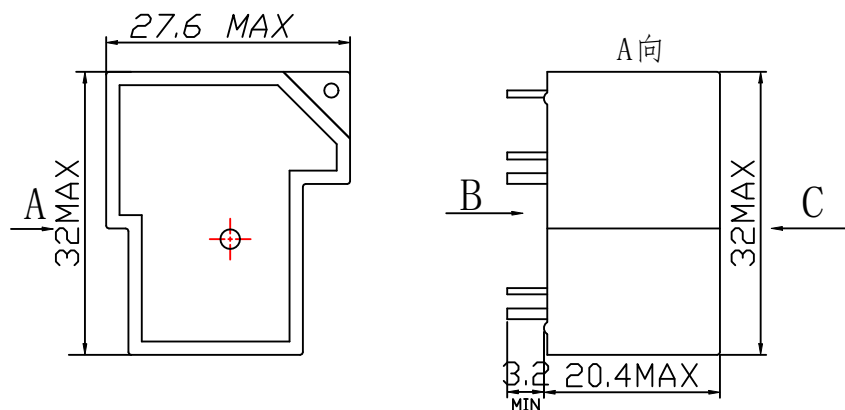
	CQC08002027666 CQC08002027668
30A 250VAC 20A 250VAC	

	R50056114
30A 250VAC 20A 250VAC	

	US E179944
20A 240VAC 1HP 16A 120VAC	

OUTLINE DIMENSIONS ,WIRING DIAGRAM AND PC BOARD LAYOUT Unit:mm

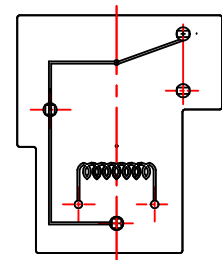
Physical installation diagram



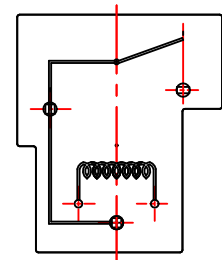
Bottom view diagram B

Tolerance: $\pm 0.1\text{mm}$

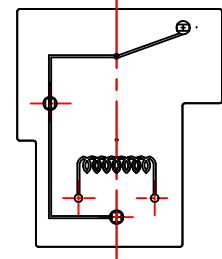
PCB board diagram (bottom view diagram)



Conversion C type



Normally open A type



Normally closed B type

This product specification only for your reference, we will not notify you if we do any improvement. We reserve all the right for the final explanation