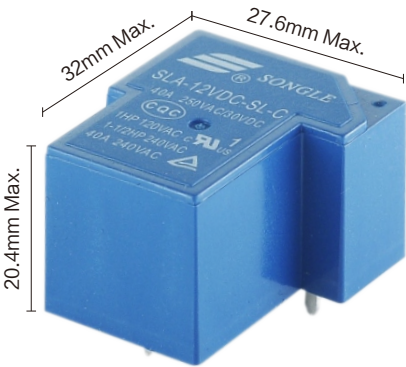


小型大功率继电器(4P)
Miniature High Power Relay

40A

特性 / FEATURES

- 40A触点切换能力
40A switching capability
- 线圈与触点间耐压为2kV
2kV dielectric strength
(between coil and contacts)
- 具有一组常开触点形式
1 Form A configuration
- 可提供密封型或敞开型
Sealed type and open type available



订购信息 / ORDERING INFORMATION

SLA-12VDC-S L-A

A	触点形式 Contact Arrangement
L 0.9W/D 1.8W	线圈功率 Coil Power
S 密封/Sealed 无 敞开/Open	封装形式 Construction
5/6/9/12/18/24/36/48VDC	线圈电压 Coil Voltage
	型 号 Model

触点参数 / CONTACT PARAMETERS

触点形式	Contact arrangement	A
接触电阻	Contact resistance	≤100mΩ (1A 6VDC)
触点材质	Contact material	银合金/Silver alloy: AgSnO ₂ In ₂ O ₃ 、AgSnO ₂ 、AgNi
触点负载(阻性)	Contact rating(Res. load)	40A 250VAC,1-1/2HP 240VAC,1HP 120VAC
最大切换电压	Max switching voltage	250VAC
最大切换电流	Max switching current	40A
最大切换功率	Max switching power	11080VA 1200W
电耐久性 (频率:每小时360次)	Electrical endurance (Frequency:360 ops/h)	1x10 ⁵ ops / 1x10 ⁴ ops
机械耐久性 (频率:每小时18000次)	Mechanical endurance (Frequency:18000 ops/h)	1x10 ⁷ ops

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特性参数 / CHARACTERISTICS PARAMETERS

绝缘等级	Insulation level	B/F
绝缘电阻	Insulation resistance	1000MΩ(500VDC)
介质耐压 (漏电流 1mA)	Dielectric strength (Leakage current 1mA)	线圈与触点间 Between coil and contacts
		2000VAC 1min
		断开触点间 Between open contacts
		1500VAC 1min
吸合时间(额定电压下)	Operate time(at nominal voltage)	≤15ms
释放时间(额定电压下)	Release time (without diode) (at nominal voltage)	≤10ms
湿度	Humidity	5% ~ 85% RH
环境温度(℃)	Ambient temperature	-40℃ ~ +85℃/+105℃
抗冲击	Shock resistance	稳定性/Functional
		98m/s ²
		强度/Destructive
		980m/s ²
抗振动(双振幅)	Vibration resistance (Double amplitude)	10Hz~55Hz 1.5mm
重量	Weight	密封 约/Sealed approx 25g 敞开 约/Open approx 19g
封装形式	Construction	密封/Sealed 敞开/Open

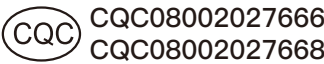
备注: 以上数据均为初始值
Remark: All above data is initial value

线圈参数 / COIL PARAMETERS

常温/At (23℃)

功耗(W)	Power consumption(W)	0.9W(L)								1.8W(D)							
额定电压(VDC)	Nominal voltage(VDC)	05	06	09	12	18	24	36	48	05	06	09	12	18	24	36	48
线圈电阻(Ω±10%)	Coil resistance(Ω±10%)	27.7	40	90	160	360	640	1440	2560	13.9	20	45	80	180	320	720	1280
吸合电压(Max)	Pick-up voltage(Max)	75% 额定电压(Nominal voltage)															
释放电压(Min)	Drop-out voltage(Min)	10% 额定电压(Nominal voltage)															
允许最大电压(VDC)	Max allowable overdrive voltage(VDC)	130% 额定电压(Nominal voltage)															

安全认证(相关认证以第三方认证证书为准) / SAFETY APPROVAL RATINGS



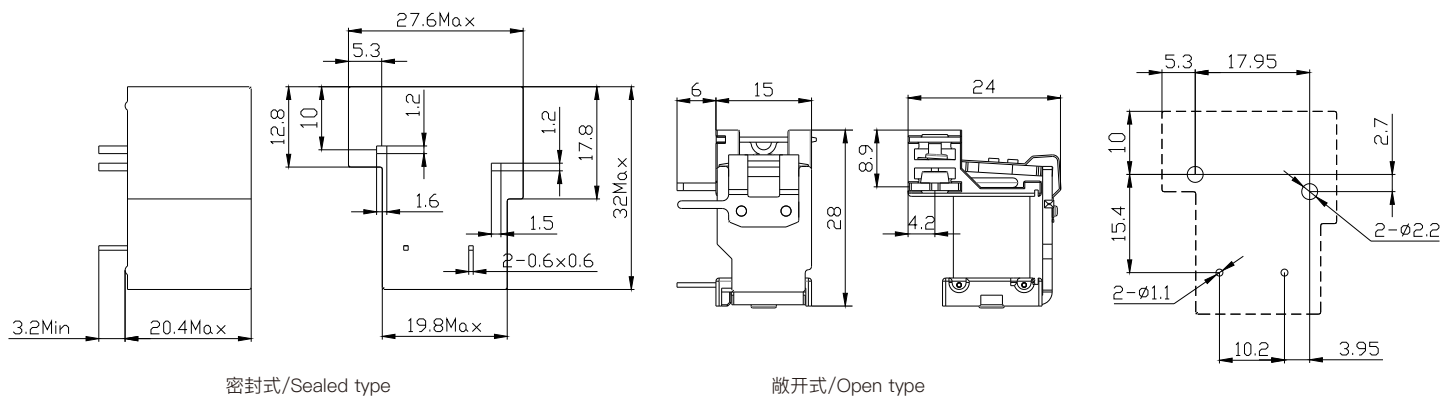
40A	250VAC
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30A	250VAC
20A	250VAC

30A	240VAC
20A	240VAC
1HP	16A 120VAC

外形图 / OUTLINE DIMENSIONS

单位/Unit(mm)

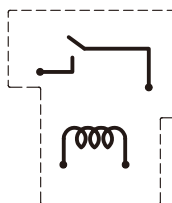


敞开式/Open type

安装孔图(底视图)/Installation hole drawing(Bottom view)

未注公差/Tolerance:±0.1

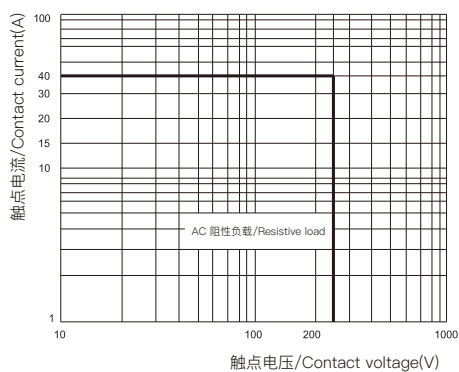
线路图(底视图) / WIRING DIAGRAM (BOTTOM VIEW)



性能曲线图 / CHARACTERISTIC CURVES

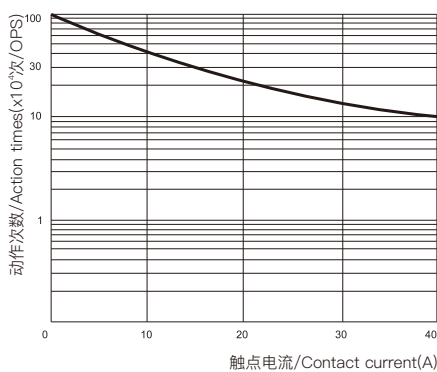
最大切换功率
Maximum switching power

Maximum switching power



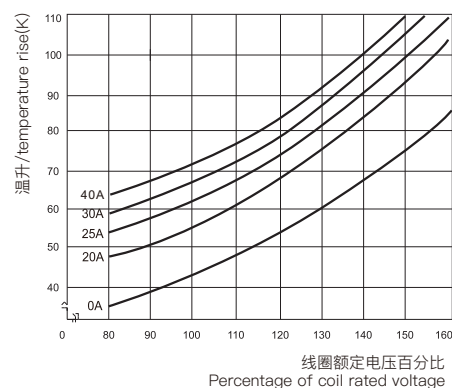
电耐久性曲线
Electrical endurance curve

Electrical endurance curve



线圈温升
Coil temperature rise

Coil temperature rise



Percentage of coil rated voltage