



特点

- 80A触点切换能力
- 可供3组触点
- 强耐冲击，可靠性高
- 触点与线圈间耐压达4kV
- 可供单线圈和双线圈

基本参数

外形尺寸	100 × 45 × 21
触点形式	3H/3D
触点材料	银合金
最大切换电流 (阻性)	80A
最大切换电压	250VAC
最大切换功率	20000VA
重量 (不带附件)	170g

线圈参数 (20℃)

线圈额定电压		9VDC	12VDC	24VDC	48VDC
线圈电阻	单线圈 (±10%Ω)	32	58	230	920
	双线圈 (±10%Ω)	16	29	115	460
功率	单线圈2.5W; 双线圈5W (特殊功耗订货)				
闭合电压	≤75%额定值				
断开电压	≤75%额定值				
过载电压	≤120%额定值				
闭合时间	≤50ms				
断开时间	≤50ms				
回跳时间	≤2ms				

特性参数

环境温度	-40~+70℃	
环境湿度	年平均≤75%	
抗振动	10~55Hz, 0.5mm	
抗冲击	98m/s ² , 11ms	
相对湿度	45%~85%	
接触电阻	≤2.0mΩ (1A/6VDC测试)	
绝缘电阻	1000MΩ (500VDC)	
介电耐压	触点间	1750 VAC 50/60Hz (1 Minute)
	触点与线圈间	4000 VAC 50/60Hz (1 Minute)
	触点组间耐压	4000 VAC 50/60Hz (1 Minute)
寿命	电气寿命	≥1 × 10 ⁴ OPS
	机械寿命	≥5 × 10 ⁵ OPS

Contact Specification

Dimensions (mm)	100 × 45 × 21
Contact Form	3H/3D
Contact Material	Silver Alloy
Max Switching Current (Anti-load)	80A
Max Switching Voltage	250VAC
Max Switching Power	20000VA
Wight	170g

Coil Specification (20℃)

Rated Coil Voltage		9VDC	12VDC	24VDC	48VDC
Coil Resistance	Single Coil (±10%Ω)	32	58	230	920
	Double Coil (±10%Ω)	16	29	115	460
Power Consumption	Single Coil 2.5W; Double Coil 5W				
Pick-up Voltage	≤75% Rated Coil Voltage				
Drop-out Voltage	≤75% Rated Coil Voltage				
Max. Applicable Voltage	≤120% Rated Coil Voltage				
Pick-up Time (At Rated Voltage)	≤50ms				
Drop-out Time (At Rated Voltage)	≤50ms				
Bounce Time	≤2ms				

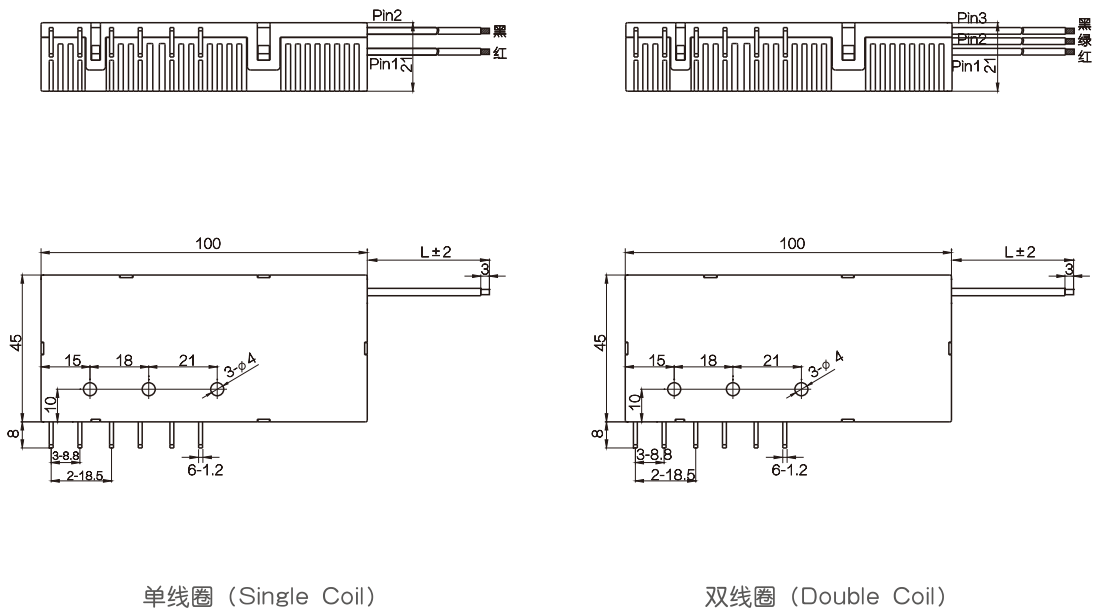
Characteristics

Ambient Temp	-40~+70℃	
Ambient Humidity	≤75% (Annually average)	
Anti-vibration	10~55Hz, 0.5mm (Double Amplitude)	
Anti-shock	98m/s ² , 11ms	
R.H.	45%~85%	
Contact Resistance	≤2.0mΩ (1A/6VDC)	
Insulation Resistance	1000MΩ (500VDC)	
Dielectric Strength	Between Contacts	1750 VAC 50/60Hz (1 Minute)
	Between Contact & Coil	4000 VAC 50/60Hz (1 Minute)
	Between Contacts & Contact	4000 VAC 50/60Hz (1 Minute)
Life	Electrical Life	≥1 × 10 ⁴ OPS
	Mechanical Life	≥5 × 10 ⁵ OPS

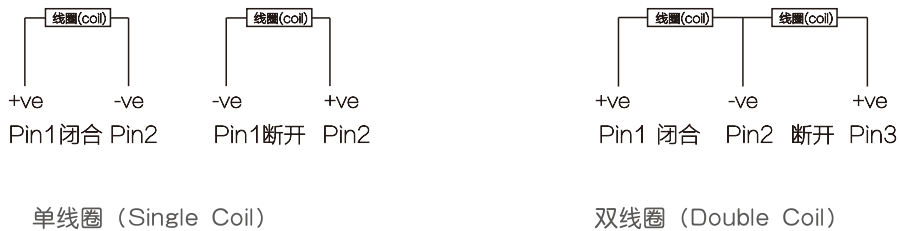
订货标记

QY668C-80A / 012 / 1L / 3D / (XXX)								
1	2	3	4	5	6			
1.基本型号：QY668C			5.触点形式：3D-3组常闭， 3H-3组常开					
2.触点容量：80A			6.客户特殊要求					
3.线圈电压：线圈规格（ VDC ）： 06,09,12,24,48								
4.线圈形式：1L—单线圈，2L—双线圈								

外形图 External Diagram



接线图 Wiring Diagram



接线图 (Wiring Diagram)