

QY670C-100A磁保持继电器/Magnetic Latching Relay



◆ 特点 Chracteristic

- > 100A触点切换能力
- > 低功耗脉冲驱动操作
- > 线圈与触点间耐压可达到4000V
- > 环保产品(符合ROHS)
- > 外形尺寸：116.0x52.0x28.0mm
- > 100A switching capability
- > Low consumption,Pulse driven operation
- > 4kV dielectric strength (between coil & contacts)
- > Environmental friendly product (RoHS)
- > Outline size:116.0x52.0x28.0mm.

◆ 订货标记 Ordering Information

QY670C-100A / 012 / 1L / 3H / (XXX)					
1	2	3	4	5	6
1.基本型号 Part Number: QY670C					
2.触点容量 Contact Tating: 100A					
3.线圈电压 Coil Voltage: 09,12,24,48					
4.线圈形式 Coil Type: 1L-单线圈 Single Coil , 2L-双线圈 Double Coil					
5.触点形式 Contact Form: 3H- 3 Form A , 3D-3 Form B					
6. 特性号 Special code: 无Nil-标准型 Standard , XXX-客户特殊要求 Customized Requirements					

◆ 触点参数 Contact Data

触点形式Contact form	3H,3D
触点材料Contact material	AgSnO2
接触电阻Contact resistance	2.0mΩ(1A 6VDC)
触点负载Contact Rating	100A 250VAC
最大转换功率Max.Switching Power	25000VA
机械寿命Mechanical life	5x10 ⁵
电气寿命Electrical life	1x10 ⁴

QY670C-100A磁保持继电器/Magnetic Latching Relay

◆ 性能 Characteristics

绝缘电阻 Insulation resistance		1000MΩ(500VDC)
介质耐压 Dielectric Strength	触点与线圈间 Between Coil & Contacts	4000VAC
	断开触点间 Between Open Contacts	2000VAC
闭合时间 Operate Time		50msec.Max.
断开时间 Release Time		50msec.Max.
抗冲击 Shock resistance	稳定性 Functional	100M/S ² (10g)
	强度 Destructive	1000M/S ² (100g)
振动 Vibration resistance		10~55Hz 1.5mm
温度 Humidity		98%RH,40°C
温度范围 Ambient temperature		-40~85°C
引出端方式 Termination		快连接式 Fast connection
重量 Unit weight		290g
封装形式 Constrution		防尘罩 Dust protected

◆ 线圈 Coil

线圈功耗 Coil power	单线圈：2.5W 双线圈：5.0W Single coil:2.5W Double coil: 5.0W
-----------------	---

◆ 线圈参数 Coil Date

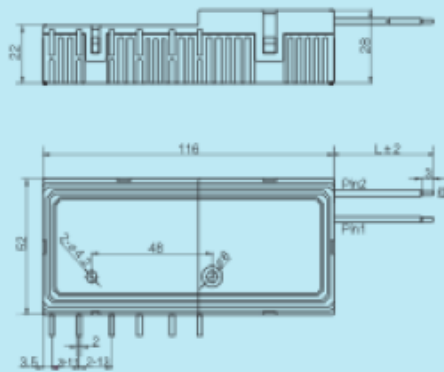
额定电压(VDC) Rated Voltage	置位/复位电压(VDC) Pick-up voltage	脉冲宽度(ms) Pulse Duration	单线圈电阻(Ω) Single Coil Resistance	双线圈电阻(Ω) Double Coil Resistance
9	≤6.75	≥50	32±10%	16/16±10%
12	≤9.0	≥50	57±10%	29/29±10%
24	≤18	≥50	230±10%	115/115±10%
48	≤36	≥50	920±10%	460/460±10%

备注:如需其他额定电压,可特殊定货。
Note:Special ordering for other coil voltage.

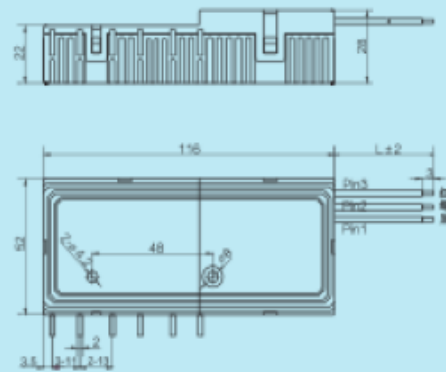
QY670C-100A磁保持继电器/Magnetic Latching Relay

◆ 尺寸图 Dimensions(mm)/接线图 Circuit Diagram

单线圈 Single Coil



双线圈 Double Coil



单线圈 Single Coil

双线圈 Double Coil

接线图(wiring diagram)

