

QY660-60A磁保持继电器/Magnetic Latching Relay



◆ 特点 Chracteristic

- 仅需脉冲激励，双线圈工作
- Only pulse excitation, single, double coil
- 负载能力强，可切换60A/250VAC
- Load capacity, can be switched 60A/250VAC
- 可根据客户要求焊接附件
- Welding accessories according to customer requirements
- 尺寸SIZE: 53. 0X18. 0X30. 3mm

◆ 订货标记 Ordering Information

QY660-60A / 012 / 2L / 1H / (XXX)

1 2 3 4 5 6

- 1.基本型号 Part number: QY660
- 2.触点容量 Contact rating: 60A
- 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: 2H- 2 Form A , 2D-2 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	2A/2B
触点材料Contact material	AgSnO ₂
接触电阻Contact resistance	1.5mΩ(1A 6VDC)
触点负载Contact rating	60A 250VAC
最大转换功率Max.switching power	15000VA
机械寿命Mechanical life	5x10 ⁵
电气寿命Electrical life	1x10 ⁴

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◆ 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 1min
	断开触点间 Between open contacts	2000VAC 1min
闭合时间 Operate time		30msec.Max.
断开时间 Release time		30msec.Max.
抗冲击 Shock resistance	稳定性 Functional	98M/S ² (10g)
	强度 Destructive	980M/S ² (100g)
振动 Vibration resistance		10~55Hz 1.5mm
温度 Humidity		95%RH,40℃
温度范围 Ambient temperature		-40~75℃
引出端方式 Termination		快连接式 Fast connection
重量 Unit weight		80g
封装形式 Constrution		防尘罩式 Dust protected

◆ 线圈 Coil

线圈功耗 Coil power	单线圈 : 2.30W Single coil:2.30W	双线圈 : 4.60W Double coil: 4.60W
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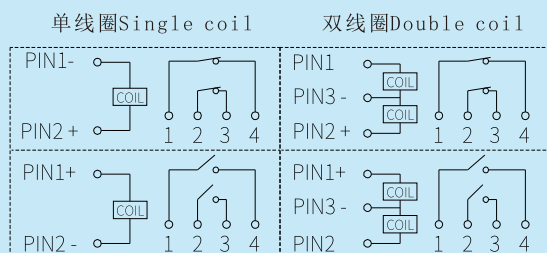
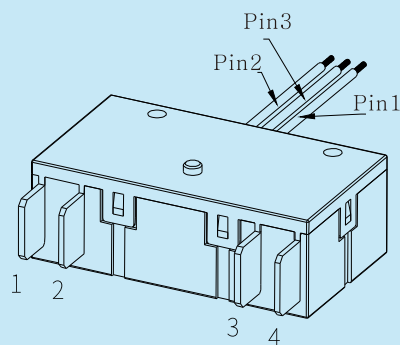
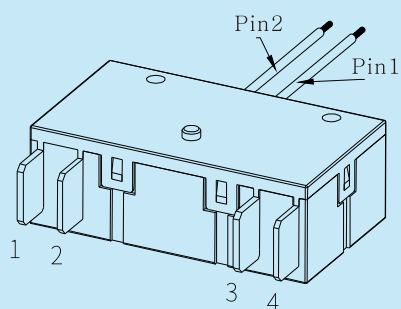
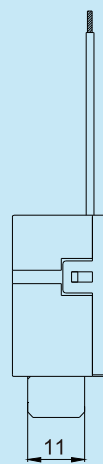
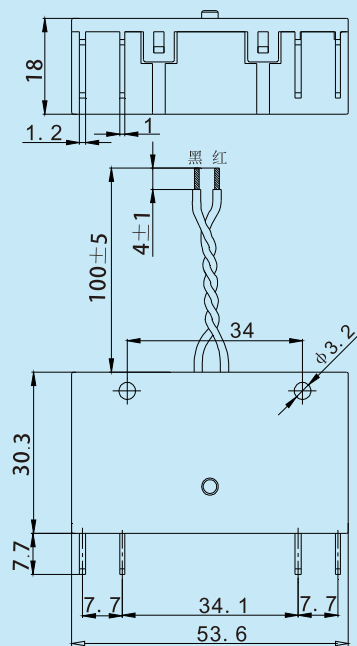
◆ 线圈参数 Coil Date

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	≤6.80	≥50	35±10%	2x17.5±10%
12	≤9.00	≥50	62±10%	2x31±10%
24	≤18.0	≥50	250±10%	2x125±10%
48	≤36.0	≥50	1000±10%	2x500±10%

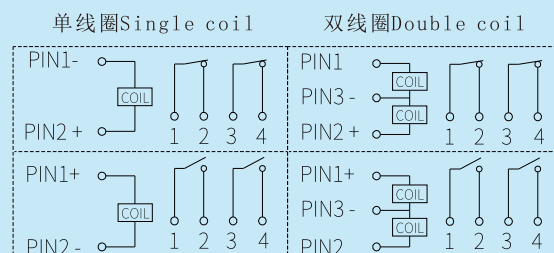
备注:如需其他额定电压,可特殊定货。

Note:Special ordering for other coil voltage.

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接线方式1-4、2-3



接线方式1-2、3-4

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使用注意事项

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- 1、磁保持继电器出厂状态为动作或复归状态,但因运输或继电器安装时受到冲击等因素的影响,可能会改变状态,因而使用时(电源接入时)请根据需要重新将其设置为复归状态或动作状态;
- 2、为了确保磁保持继电器动作或复归,施加到线圈上的激励电压须达到额定电压,脉冲宽度须大于动作或复归时间的**5倍**;不要同时向动作线圈和复归线圈施加电压;不要长时间(大于**1分钟**)向线圈施加电压;
- 3、不带软铜编线的磁保持继电器负载引出脚不能焊锡,不能随意扳动;