

Power Relay Series 功率继电器系列--QY32F-G

FEATURES特点

- Up to 10A contact switching capability
高达10A触点切换能力
- It has a set of normally open contact forms
具有一组常开触点形式
- The volume is small and the height is only 10.2mm
体积小，高度只有10.2mm
- Outline dimensions (18.4X15.2X10.2) mm.
外形尺寸 (18.4X15.2X10.2) mm。



CONTACT PARAMETERS触点参数

Model Series型号系列	QY32F-G(10A)
Rating Load (Resistive) 额定负载 (阻性)	10A 250VAC/28VDC
Max. Switching Current最大切换电流	10A
Max. Switching Voltage最大切换电压	250VAC/28VDC
Max. Switching Power最大切换功率	2,500VA/280W

CHARACTERISTICS性能参数

Contact Materials触点材料	Ag Alloy银合金	
Contact Resistance接触电阻	50mΩ Max.	
Operate Time吸合时间	10msec.Max.	
Release Time释放时间	5msec.Max.	
Insulation Resistance绝缘电阻	1000MΩ Min.(DC500V)	
Initial Dielectric Strength介质耐压	Between open contacts: 触点与触点间:	AC1,000V,50/60Hz 1Min.
	Between contacts and coil: 触点与线圈间:	AC2,500V,50/60Hz 1Min.
Vibration Resistance抗振动	Damage limits: 耐久:	10~55Hz Double Amplitude双振幅1.5mm
	Malfunction: 误动作:	10~55Hz Double Amplitude双振幅1.5mm
Shock Resistance抗冲击	Damage limits: 耐久:	100G Min.
	Malfunction: 误动作:	10G Min.
Life寿命	Mechanical Life (10800 per hour) 机械寿命 (每小时10800次)	1×10 ⁷
	Electrical Life (1800 per hour) 电气寿命 (每小时1800次)	1×10 ⁵
Ambient Temperature环境温度	-40℃ ~ +105℃ (No condensation) (不冷凝)	
Unit Weight单位重量	约Approx.6g	

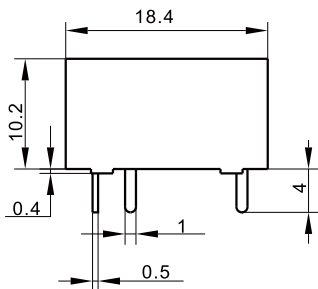
COIL RATINGS (at20°C) 线圈参数（在20°C）

Coil Nominal Voltage 额定电压 (VDC)	Nominal Current 额定电流 ±10%(mA)	Coil Resistance 线圈电阻 ±10% (Ω)	Max. Continuous Voltage 最大连续外加电压	Pick-Up Voltage 吸合电压 (Max)	Drop-Out Voltage 释放电压 (Min)	Rated power 额定功率
5	90.00	55	Coil Nominal Voltage 130% 额定电压的 130%	Coil Nominal Voltage 75% 额定电压的 75%	Coil Nominal Voltage 5% 额定电压的 5%	About 0.45 W 约0.45W
6	75.00	80				
9	50.00	180				
12	37.00	320				
18	25.00	720				
24	18.75	1280				

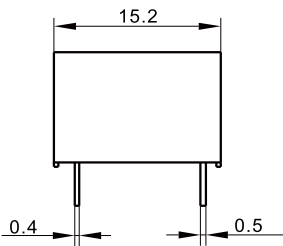
ORDERING INFORMATION订货标记

QY32F-G-012-H-S-L-(XXX)						
	1	2	3	4	5	6
1.Model Number基本型号: QY32F-G	5.Coil Power:Nil - 0.45 W 线圈功率:无-0.45W					
2.Coil Voltage线圈规格 (VDC): 05,06,09,12,18,24	6.Features:XXX- Special Requirements,Nil-Standard Type 特性号:XXX-特殊要求, 无-标准型					
3.Contact Form:H-1 Form A 触点形式: H-1组常开						
4.Enclosure: S-General Type,K-Sealed Type 封装形式: S-标准型, K-密封型						

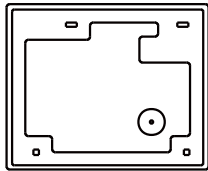
OUTLINE DIMENSIONS (UNIT:mm)外形尺寸（单位：mm）



Dimensions尺寸

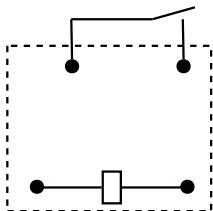


Dimensions尺寸

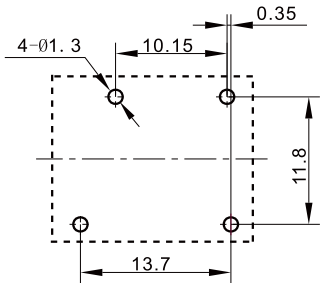


Bottom View底视图

Internal Connections接线图



Mounting Dimensions安装尺寸



SAFETY STANDARD安规认证

Approval认证类别	CQC	TUV	UL/C_UL
Authentication Load 认证负载	10A250VAC 10A277VAC	10A250VAC 10A277VAC	10A250VAC 10A277VAC

TYPICAL USE典型用途

- Home equipment, Office equipment, Audio, Smart home, Smart socket, Etc.
- 家用设备，办公设备，音响，智能家居，智能插座等。

PERFORMANCE CHART性能曲线图

