

型号
Model

YH508



特性

Main Features

同一外壳包含两个独立的继电器 (YH181)
2 independent relays (YH181) in one housing
超小型构造, 重量轻
Subminiatureized structure, light weight
触点容量高
Improved contact capacity
有大间隙型供电机大负载切换使用
Big gap type available for heavy motor load switching

典型应用

Typical automotive Applications

自动升降拉杆天线
Power antenna
电动窗
Power window
雨刮控制
Interval wiper control
自动天窗
Sunroof control
倾斜锁轮
Tilt lock wheel
中控锁
Central door lock
座位调节
Seat adjustment

线圈参数 Coil Data

线圈代号 Coil Voltage Code	额定电压 Nominal Voltage (VDC)	线圈电阻 (Ω)±10% Coil Resistance		最大吸合电压 Must Operate Voltage max. (VDC)	最小释放电压 Must Release Voltage min. (VDC)
		标准型 (0.6W) Standard	大间隙 (0.8W) Big Gap		
006	6	60	45	3.6	0.6
009	9	135	100	5.4	0.9
012	12	240	180	7.3	1.2
024	24	960	720	14.4	2.4

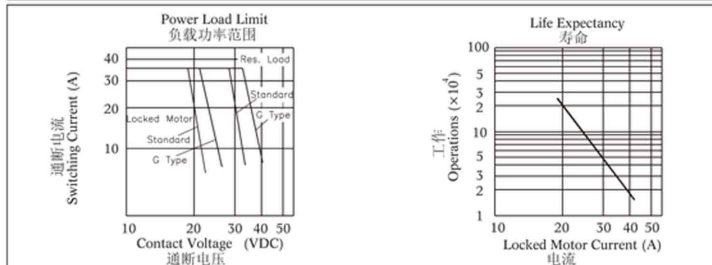
触点参数 Contact Data

材料	Material	AgNi0.15; AgSn0In0; AgCdO; AgNi10	
起始接触电阻	Initial Contact Resistance	100mΩ, max, at 0.1A, 6VDC	
触点形式	Contact Form	二组转换 2Z 2 Form C	
额定负载	Rated Load	接通 Make	60A
		断开 Break	20A
最大持续电流	Max. Continuous Current	35A/10min; 25A/1Hr	
最大通断电压	Max. Switching Voltage	16VDC	
最小负载	Min Load	AgNi0.15: 0.1A/5VDC; AgSn0In0: 0.5A/5VDC	
寿命	Sevice Life	机械 Mechanical	1 × 10 ⁷ ops.
		电气 Electrical	1 × 10 ⁵ ops. (See Note 3)

特性参数 Characteristics

吸合/释放时间	Operate / Release Time	10ms. typical / 5ms. typical
绝缘电阻	Insulation Resistance	100MΩ, at 500VDC, 50%RH
抗电强度	Dielectric Strength	500Vrms, 1 min
冲击	Shock Resistance	10g, 11ms.
振动	Vibration Resistance	双振幅 DA 1.5mm, 10-55Hz
跌落	Drop Resistance	可承受1米高, 向水泥地面的跌落 Drop Resistance 1M height drop on concrete
环境温度	Ambient Temperature	工作: -30°C to 85°C; 储存: -40°C to 100°C
重量	Weight	约 Approx 13g

参考曲线 Reference Curve



订货标志 Ordering Code

YH508/ 006 2Z 1 A G -P

型号 Model / 无 None / 标准 (波峰焊用)
M: SMC (回流焊用)

线圈电压 Coil Voltage/ 见线圈参数表 See Coil Data

触点形式 Contact Form/ 2Z: 二组转换 2 Form C

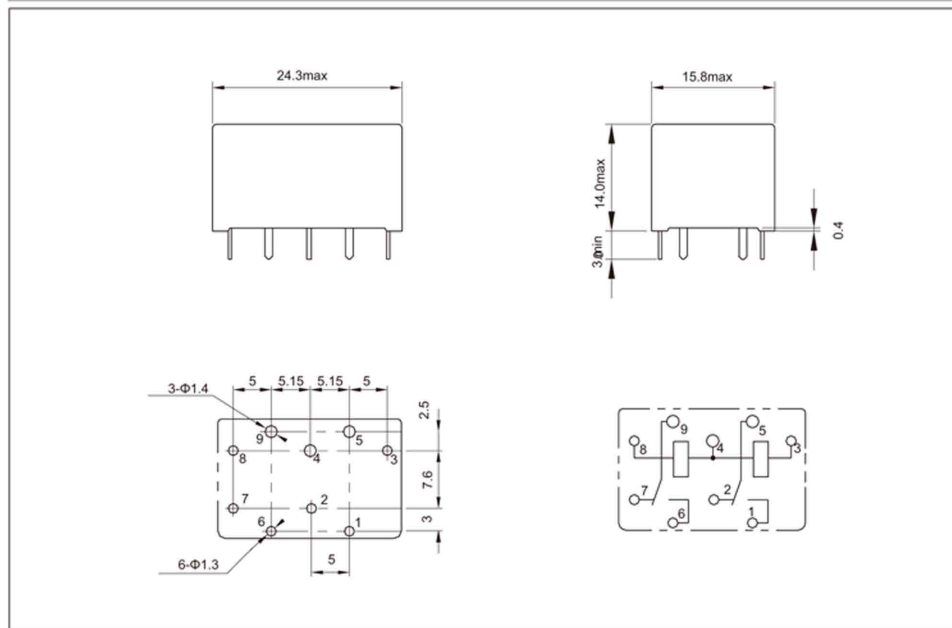
封装形式 Version/ 1: 密封 Sealed; 2: 防尘罩 Dust Cover

触点材料 Contact Material/ 无 None; AgNi10; A: AgNi0.15; C: AgCdO; S: AgSn0In0

触点间隙 Contact Gap/ 无 None; 标准 Standard; G: 大间隙 Big Gap

环保要求 Environmental Protection/ 无 None; 含铅 Lead; P: 无铅 (RoHS)

外形图, 底视开孔尺寸图, 接线图 Overall Dimensions, Mounting Holes (Bottom View), Wiring Diagrams



说明 Notes:

- 以上参数除另有规定外均以室温25度为准。
All parameters, unless otherwise specified, are measured at ambient temperature 25°C.
- 最大接通电流指灯载浪涌电流。
Maxmun make current refers to inrush current of lamp load.
- 电气寿命为电机负载, 堵转电流25A, 13.5VDC, 工作频率6次/分
Electrical life obtained at motor load of locked rotor at 25A, 13.5VDC with operating of 6ops/min.
- 型号对照: Equivalence: Fujitsu FBR510-520