

型号
Model

YH181B



特性
Main Features

超小型结构, 重量轻
Miniaturized structure, light weight
增大了触点容量
Improved contact capacity
一组双动合触点可用于控制
两组独立的回路
1 Form U contact form for independent
2 channel control

典型应用
Typical automotive Applications

电动助力转向直流控制
EPS DC control
防抱死刹车
ABS system
告警灯
Hazard lamp
闪光灯
Flasher

线圈参数 Coil Data					
线圈代号 Coil Voltage Code	额定电压 Nominal Voltage (VDC)	线圈电阻 Coil Resistance (Ω)±10%	功耗 Power Consumption (W)	最大吸合电压 Must Operate Voltage max. (VDC)	最小释放电压 Must Release Voltage min. (VDC)
006	6	36	1	3.5	0.5
009	9	81		5.2	0.7
010	10	100		5.8	0.8
012	12	144		6.9	1.0
024	24	576		14.00	1.9

触点参数 Contact Data		
材料	Material	AgNi0.15; AgCdO; AgSnOInO
起始接触电阻	Initial Contact Resistance	100mΩ, max, at 0.1A, 6VDC
触点形式	Contact Form	一组双子常开 SH 1 Form U
最大通断电流 Max. Switching Current	接通 Make	2x25A
	断开 Break	2x6A
最大持续电流	Max.Continuous Current	2x15A,2min
最大通断电压	Max.Snitching Voltage	16VDC
最小负载	Min. Load	0.5A/12VDC
寿命 Sevice Life	机械 Mechanical	1×10 ⁷ ops.
	电气 Electrical	1×10 ⁵ ops. (See Note 2)

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, 1mim
冲击	Shock Resistance	10g, 11ms.
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
振动	Vibration Resistance	双振幅 DA 1.5mm, 10-55Hz
环境温度	Ambient Temperature	工作 Operating: -40°C to 85°C; 储存 Storage: -40°C to 100°C
重量	Weight	约 Approx 6g

订货标志 Ordering Code

YH118B/ 006- SH 1 S H P

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

触点形式 Contact Form/ SH: 1组双子常开 1 Form U

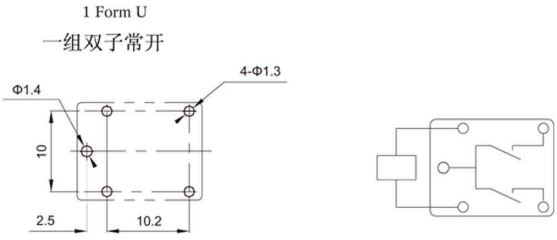
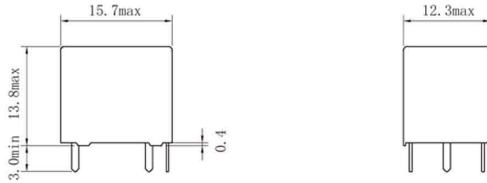
封装形式 Version/ 1: 密封 Sealed 2: 防尘罩 Dustcover

触点材料 Contact Materal/ A: AgNi0.15; C: AgCdO; S: AgSnOInO

工作温度 Ambient/ 无 None: 标准 Standard; H: 高温 High Ambient

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:
1.以上参数除另有规定外均以室温23度为准。
All parameters, unless otherwise specified, are measured at ambient temperature 23°C .
2.最大接通电流指灯载浪涌电流。
Maximun make current refers to inrush current of lamp load.
3.电气寿命的条件是阻性负载2x6A。1秒通, 14秒断。
3.Electrical life obtained at lamp load at resistive load 2x6A, 14VDC with operating frequency of 6 ops/min.
4.电气寿命在很大程度上取决于切换频率, 通断比、环境条件和可靠性水平。
Electriacal life is strongly dependent of switching freqency. ON/OFF ratio, envionmental conditions and level.