

型号 Model

YH119



特性 Main Features

30A至45A持续电流能力
30A To 45A continuous current capacity
2种引出脚位间距可供选择
Available with 2 footprints
有敞开、防尘罩、密封式供选择
Available with open, dust cover and sealed version
面向汽车应用的设计
Automotive-oriented design

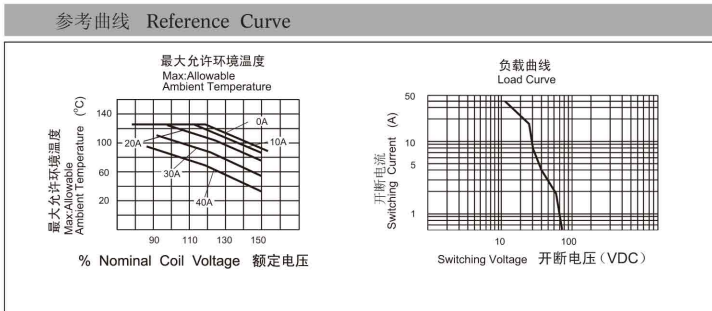
典型应用 Typical automotive Applications

- 闪光灯 Flasher
- 雨刮 Interval wiper control
- 燃料泵控制 Fuel pump control
- 通风电机 Ventilation motor
- 防盗报警装置 Anti-theft alarm system
- 安全带提示 Safety belt warning system
- 惯性阀控制 Inertia valve control
- 后视镜自动调节 Automatic mirror adjustment
- 天窗控制 Sunroof control
- 危险灯 Hazard warning light
- 加热器控制 Heater control
- 后窗加热 Rear window heating
- 空调 Air conditioning
- 中央门锁 Central door lock
- 防抱死刹车 ABS system
- 安全带松紧调节 Belt tension adjustment
- 电动车窗 Power window
- 座位调节 Seat positioning

线圈参数 Coil Data		线圈电阻 Coil Resistance (Ω)±10%	功耗 Power Consumption (W)	最大吸合电压 Must Operate Voltage max. (VDC)	最大允许电压 Allowable Voltage (VDC)	最小释放电压 Must Release Voltage min. (VDC)
线圈代号 Coil Voltage Code	额定电压 Nominal Voltage (VDC)	19	1.6	3.3	8.9	0.6
006	6	90		6.8	19.3	1.2
012	12	362		13.9	38.7	2.4
024	24					

触点参数 Contact Data		材料 Material			
触点形式 Contact Form		AgNi10; AgNi0.15; AgCdO; AgSnOInO			
起始接触电阻 Initial Contact Resistance		100mΩ, max. at 0.1A, 6VDC			
		一组常开H 1 Form A	一组常闭D 1 Form B	一组转换Z 1 Form C	常开NO 常闭NC
最大通断电流 Max. Switching Current	接通 Make	100A(S:180A)	30A	100A(S:180A)	30A
	断开 Break	60A	30A	60A	30A
最大持续电流 Max. Continuous Current		45A	30A	45A	30A
最大开断电压 Max. Switching Voltage		见曲线, 与电流有关 See Reference Curve relate to Current			
最小负载 Min. Load		0.1A/12VDC(AgNi0.15); 0.5A/12VDC(AgSnOInO)			
寿命 Service Life	机械 Mechanical	1 × 10 ⁷ ops.			
	电气 Electrical	2 × 10 ⁵ ops. (见说明4) See Note 4			

特性参数 Characteristics		吸合/释放时间 Operate / Release Time	5ms. typical / 3ms. 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	20g, 11ms.	振动 Vibration Resistance	双振幅DA1. 5mm, 20-200Hz
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 Operating: -40°C to 85°C; 贮存 Storage: -40°C to 155°C
重量 Weight	Open: 约18g; Covered: 约23g		



订货标志 Ordering Code

YH119/ 006- 1H 8 1 A -P

型号 Model

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

触点形式 Contact Form/ 1H: 一组常开 1 Form A; 1D: 一组常闭 1 Form B; 1Z: 一组转换 1 Form C

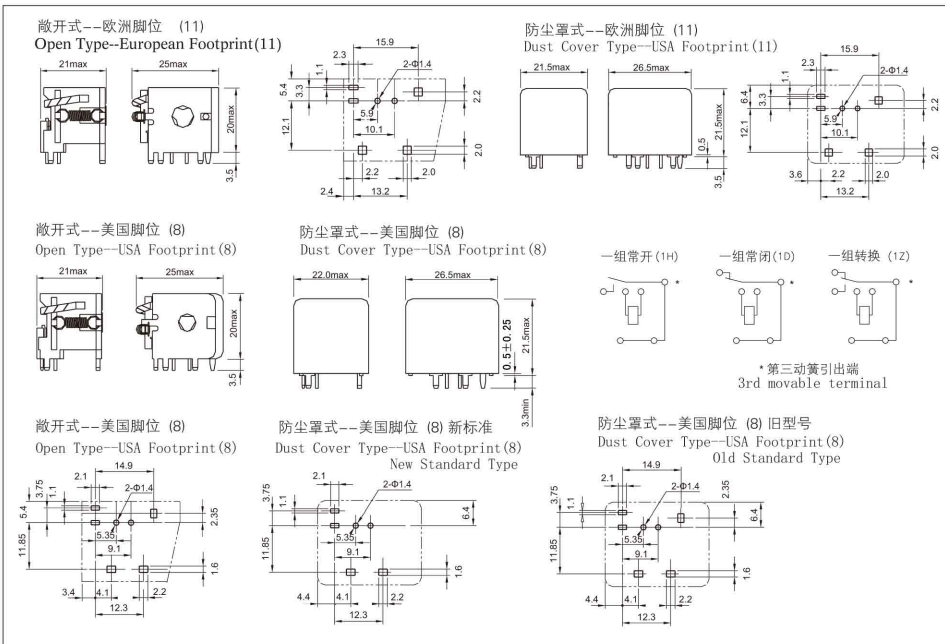
脚位 Footprint:/ 8: 美国; 11: 欧洲

封装形式 Version/ 无 Nil: 敞开 Open 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: AgSnOInO

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。
Maximum make current refers to inrush current of lamp load.
- 在环境温度85度时最大允许电压应降低到原值的72%。
At ambient temperature of 85°C, Maximum allowable voltage should be reduced to 72%.
- 电气寿命的条件是阻性或感性负载40A, 13.5VDC, 触点接适当的灭弧电路。
Electrical life obtained at resistive or inductive load at 40A, 13.5VDC with suitable arc-suppression circuit attached with operating frequency of 1 ops/sec.
- 型号对照Equivalence: Tyco Power K, P&B VKP