



型号
Model

YH556



**特性
Main Features**

40A至60A的持续电流能力
40A to 60A continuous current capacity
汽车专用设计
Automotive-oriented design
标准的插脚尺寸与脚位
Fully standardized quick connect size and layout
防尘罩式抵御恶劣环境
Plastic cover for rough environment protection

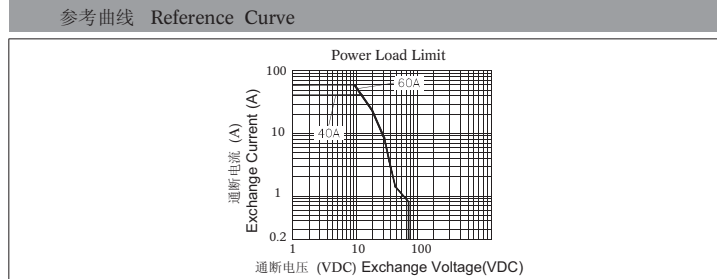
**典型应用
Typical automotive Applications**

大光灯
Head lights
雾灯
Fog lamp
喇叭
Signal horn
鼓风机
Blower motor control
启动继电器
Starter relay
散热器风扇
Radiator cooling
电动车窗
Power window
防抱死刹车系统
ABS system

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%	并联电阻 ±5% Parallel Connection Resistances	等效电阻 ±10% Equivalent Resistances	功耗 Power Consumption (W)	最大吸合电压 Must Operate Voltage max. (VDC)	最大允许电压 Allowable Voltage max. (VDC)	最小释放电压 Must Release Voltage min. (VDC)
006	6	22	—	—	1.6	3.6	10.1	0.6
006	6	22	180	19.6	1.8	3.6	10.1	0.6
012	12	90	—	—	1.6	7.2	20.2	1.2
012	12	90	680	79.5	1.8	7.2	20.2	1.2
024	24	360	—	—	1.6	14.4	40.5	2.4
024	24	360	2700	317.6	1.8	14.4	40.5	2.4

触点参数 Contact Data					
触点材料 Contact Material		AgSnO ₂			
起始接触电阻 Initial Contact Resistance		100mΩ, max. at 0.1A, 6VDC			
触点形式 Contact Form		一组常开 H 1 Form A		一组转换 Z 1 Form C	
最大通断电流 Max. Switching Current	接通 Make	A.B	120A	120A	45A
	断开 Break	A	40A	40A	30A
最大持续电流 Max. Continuous Current	A	40A	40A	40A	30A
	B	60A	60A	60A	40A
最小负载 Min. Load	A	0.1A/6VDC			
	B	0.5A/6VDC			
寿命 Service Life	机械 Mechanical		1×10 ⁵ ops.		
	电气 Electrical		A	1×10 ⁵ ops.	40A 14VDC (NO)
		B	1×10 ⁵ ops.	60A 14VDC (NO)	

特性参数 Characteristics		
吸合/释放时间 Operate / Release Time		7ms. Typical / 5ms. Typical
绝缘电阻 Insulation Resistance		100MΩ, at 500VDC, 50%RH
抗电强度 Dielectric Strength		500Vrms, 1min
冲击 Shock Resistance		30g, 6ms.
振动 Vibration Resistance		20Hz-200Hz: (18g)
环境温度 Ambient Temperature		Operating: -40°C to 85°C;
贮存温度 Storage Temperature		Storage: -40°C to 155°C
重量 Weight		约 34g; Approx 34g



订货标志 Ordering Code

YH556/ A/ 012 R- 1Z 9M1 S -P

型号 Model/

负载等级代号 Rating Code/ A: 30A/40A; B: 40A/60A

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

并联元件 Paralleled Component/ 无 None; R: 电阻 Resistor; D: 二极管 Diode
DR: 反向二极管;

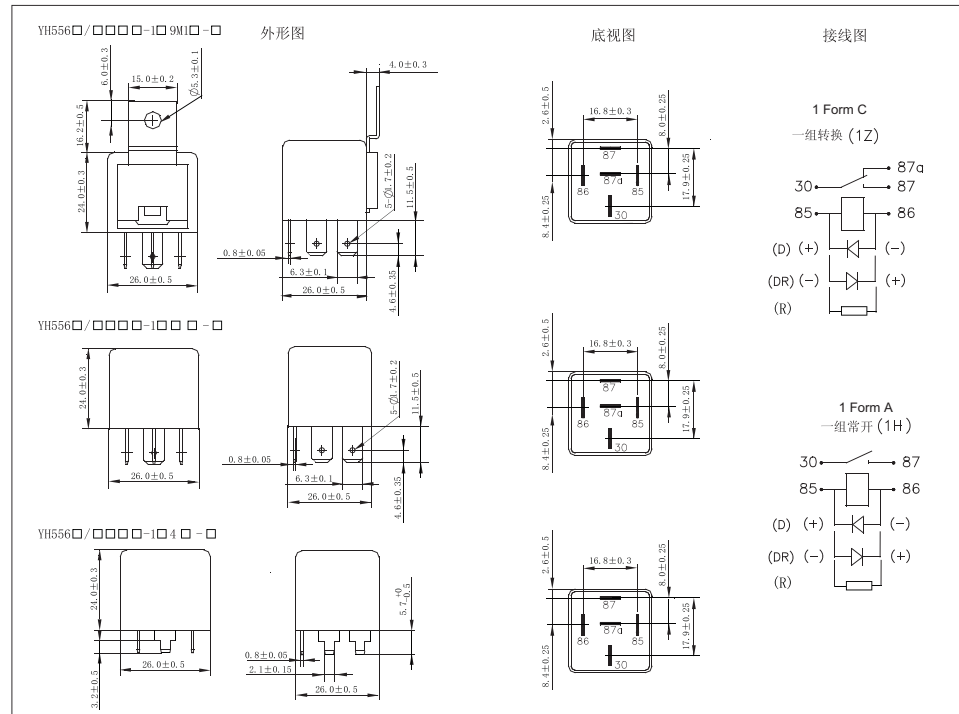
触点形式 Contact Form/ 1H: 一组常开 1 Form A; 1Z: 一组转换 1 Form C

安装方法 Mounting Code/ 无 None; 插拔式 Plug-In; 4: 印刷板式 PCB; 9M1: 金属安装板 Metal Bracket

触点材料 Contact Material/ S: AgSnO₂

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

外形图, 底视图开孔尺寸图, 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23度为准。
All parameters, unless otherwise specified, are measured at ambient temperature 23°C.
- 最大通断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%.

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This datasheet is for the customer reference. All the specifications are subject to change without notify