

### 产品特性 Features:

- ◇ 16A触点切换能力  
16A switching capability
- ◇ 具有多种安装位置  
Has a variety of mounting positions
- ◇ 具有多种接线方式  
With a variety of wiring
- ◇ 防尘罩型封装结构  
Dust cover type packaging structure



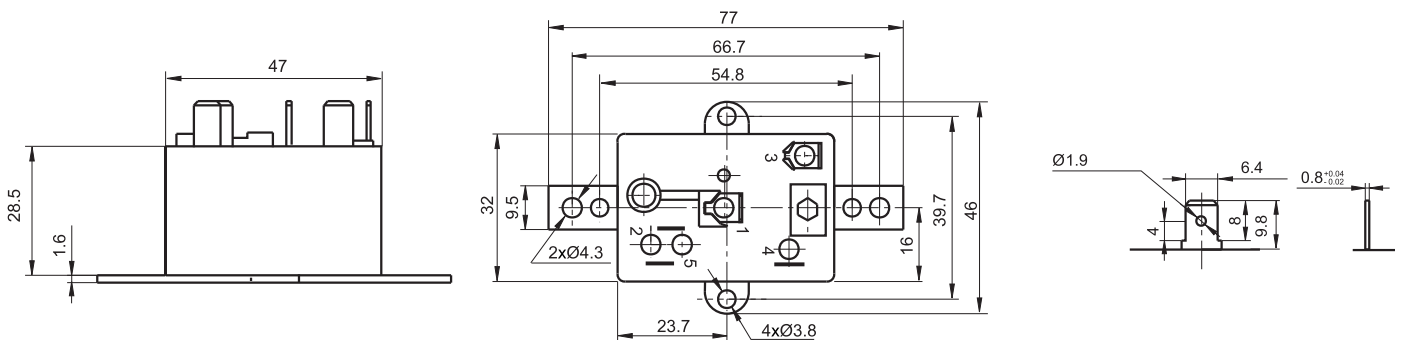
### 认证/标准 Standards/Approvals:

- ◇ UL-E246810
- ◇ CE
- ◇ REACH
- ◇ RoHS

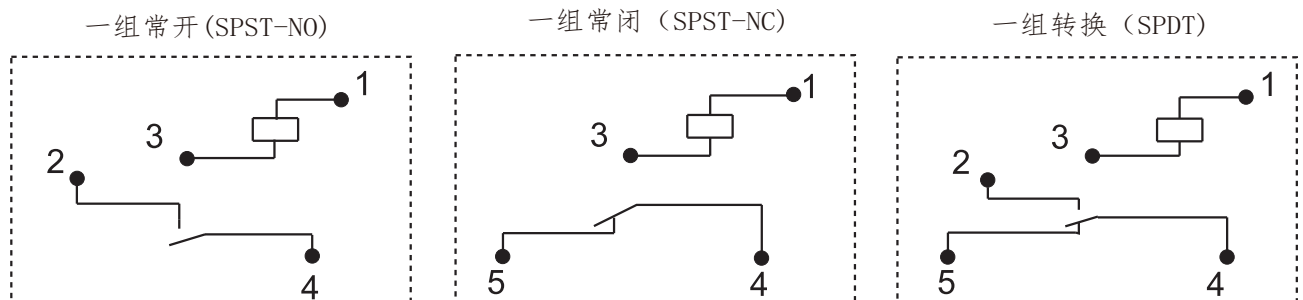
产品型号规格 Product model and specification						
型号规格 Item ID	额定电压 (VAC) Rated voltage	动作电压 (VAC) Pick-Up	释放电压 (VAC) Drop Out	线圈电阻 (Ω) Coil resistance	接触电阻 (mΩ) Coil resistance	触点形式 Contact form
PR290Q	24	≤20.4	≥4.8	90 × (1 ± 10%)	≤50	SPST-NO
PR291Q	120	≤102.0	≥24	2000 × (1 ± 10%)	≤50	SPST-NO
PR292Q	240	≤204.0	≥48	7200 × (1 ± 10%)	≤50	SPST-NO
PR293Q	24	≤20.4	≥4.8	90 × (1 ± 10%)	≤50	SPDT
PR294Q	120	≤102.0	≥24	2000 × (1 ± 10%)	≤50	SPDT
PR295Q	240	≤204.0	≥48	7200 × (1 ± 10%)	≤50	SPDT

外形图 Outline drawing

单位 unit: mm



接线图 Wiring diagram



性能参数 Product Characteristics		
触点形式 Contact form	1组常开/1组常闭/1组转换 SPST-NO/ SPST-NC /SPDT	
接触电阻 Contact resistance	≤50mΩ (@6V/1A)	
触点材料 Contact material	AgCdO	
额定负载 Rated load	16A 277VAC (只分断) 16A 277VAC (breaking only)	
最大切换电压 Maximum commutation voltage	277VAC	
最大切换电流 Maximum commutation current	16A	
最大切换功率 Maximum switching power	4000VA	
机械耐久性 Mechanical durability	1X10 <sup>6</sup> 次	
电耐久性 Electrical durability	常开 (SPST-NO): 1X10 <sup>5</sup> (16A 250VAC, 通用负载, 65℃, 1s通9s断) (16A 250VAC, General load, 65℃, 1s on and 9s off) 常闭 (SPST-NC): 3X10 <sup>4</sup> (8A 250VAC, 通用负载, 40℃, 1s通95s断) (8A 250VAC, General load, 40℃, 1s on and 95s off) 转换 (SPDT): 1X10 <sup>5</sup> (8A 250VAC, 通用负载, 65℃, 1s通9s断) (16A 250VAC, General load, 65℃, 1s on and 9s off)	
绝缘电阻 Insulation resistance	500MΩ (500VDC)	
介质耐压 Dielectric Strength	线圈与触点间 Between coil and contact	2500VAC 1min
	断开触点间 Between disconnecting contacts	1000VAC 1min
动作时间 Action time:	≤25ms	
释放时间 Release time:	≤25ms	
冲击 (稳定性) Shock (stability)	98m/s <sup>2</sup>	
振动 Vibration	10Hz to 55Hz, 1.5mm双振幅 10Hz to 55Hz, 1.5mm double amplitude	
湿度范围 Humidity range	5% - 85%RH	
温度范围 Temperature range	-40℃ - 85℃	
引出端形式 Lead out form	快连接式 Quick connect	
重量 Weight	约74g About 74g	
封装方式 Packaging method	防尘罩型 Dust cover type	