



ORDERING CODE 订购代码

HLS-4453 (18F) - DC12V - 4C - P - L

NIL...STANDARD

L ...LED

T ...TEST BUTTON

A ...LED + TEST BUTTON

TERMINAL TYPE

NIL...PLUG IN P...PBC

CONTACT FORM

4C:4FORM C

NOMINAL VOLTAGE

DC5V,DC6V,DC12V,DC24VDC48V

AC6V,AC12V,AC24V,AC48V,AC120V,AC240V

TYPE

CONTACT DATA 触点参数:

Contact Form	触点形式	4C
Contact Material	触点材料	Ag Alloy
Contact Ratings	触点负载	5A 240VAC/30VDC
Max Switching Voltage	最大转换电压	250VAC/30VDC
Max Switching Current	最大转换电流	7A
Max Switching Power	最大转换功率	1750VA/210W
Initial Contact Resistance	接触电阻 (首次)	100mΩ Max at 6VDC 1A
Life Expectancy Electrical	电气寿命	100,000 Operations(rated load)
Life Expectancy Mechanical	机械寿命	10,000,000 Operations(no load)

GENERAL DATA 一般参数:

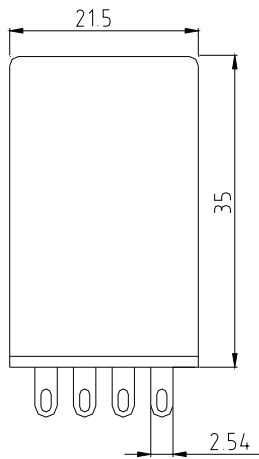
Insulation Resistance	绝缘阻值	100MΩ min at500VDC
Dielectric Strength Between Open Contacts	触点间耐压	1000VAC 50-60HZ (1 minute)
Dielectric Strength Between Contacts And Coil	触点与线圈间耐压	1500VAC 50-60HZ (1 minute)
Operate Time	吸合时间	25ms max
Release Time	释放时间	25ms max
Ambient Temperature	环境温度	-40°C to+70°C
Shock Resistance 冲击	Malfunction	动作极限
	Destruction	破坏极限
Vibration Resistance	振动	10-55Hz,1.5mm double amplitude
Ambient humidity	湿度	40-85% RH
Weight	重量	Approx 32g
Safety Standard	安全标准	CQC

COIL DATA 线圈参数: (@20°C)

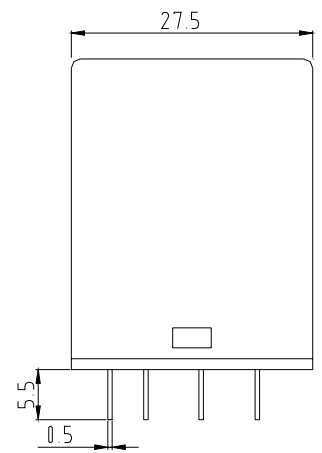
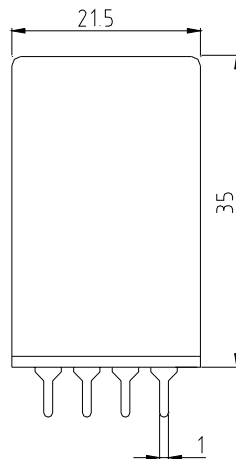
Rated Voltage 额定电压 (V)	DC Coil 直流线圈			AC Coil 交流线圈		
	Coil Resistance Ω ($\pm 10\%$) 线圈阻值	Max Operate Voltage 最大吸合电压 (VDC)	Min Release Voltage 最小释放电压 (VDC)	Coil Resistance Ω ($\pm 10\%$) 线圈阻值	Max Operate Voltage 最大吸合电压 (VDC)	Min Release Voltage 最小释放电压 (VDC)
5	32	3.75	0.5	-	-	-
6	40	4.5	0.6	10.5	4.8	1.8
12	160	9	1.2	43	9.6	3.6
24	650	18	2.4	160	19.2	7.2
48	2600	36	4.8	668	38.4	14.4
120	-	-	-	3900	96	36
240	-	-	-	12000	176	72

Outline Dimension 外形尺寸 (mm)

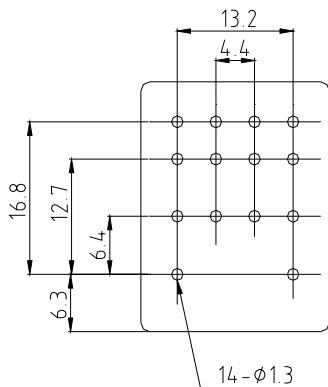
Plug-In Terminal 插拔式



PCB Terminal 印刷线路板式

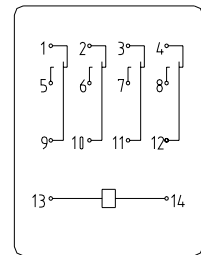


PC Board layout 安装图



(Bottom View)底视

Wiring Diagram 接线图



(Bottom View)底视