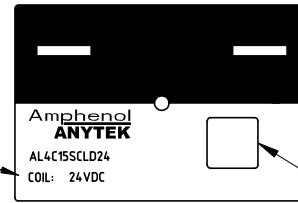


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Rev.	SIGN	DATE	DESCRIPTION	APPROVER
A0	—	01/09'22	The first release	PansLee

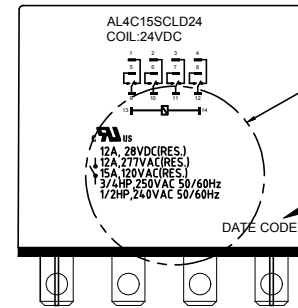
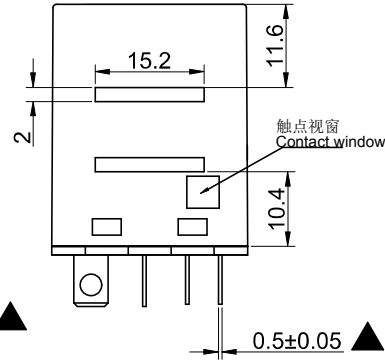
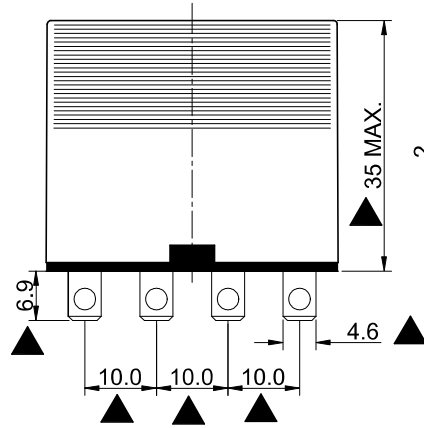
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DC无电源频率  
No power  
frequency for DC



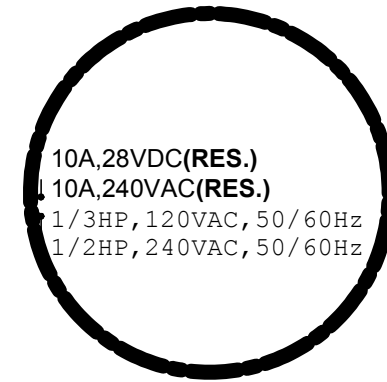
机械指示旗视窗  
Mechanical indication flag window

LED视窗  
LED window

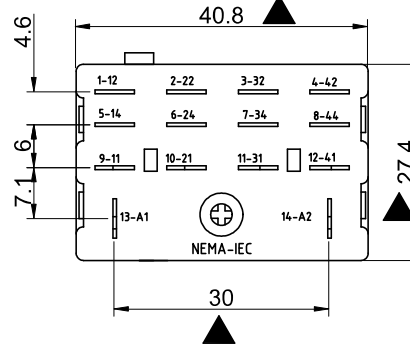


当负载为12A 印字图

批号  
Lot number



当负载为10A 印字图



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TITLE				AL-4PDT/LED/INDICATOR FLAG INDUSTRIAL RELAY			
PART NO.		AL4CXXSCLXXX00G		DWG NO.		8AL4C-0005	
APPROVED	CHECKED	DESIGNED	DRAWN	CUST NO.		Tolerance	
		PansLee 2022.1.09	PansLee 2022.1.09			X.X ±0.10	
						X.XX ±0.05	
						X.XXX ±0.005	
						X° ±1°	
				SHEET: 01/02		REV.: A0	

RoHS Compliant

Rev.	SIGN	DATE	DESCRIPTION	APPROVER
A0	—	01/09'22	The first release	PansLee
THIS IS CAD DRAWING, DO NOT REVISE MANUALLY!!!				

线圈参数,在23 °C环境下 Coil parameters (At 23 °C)

线圈规格代码 Coil voltage code	线圈额定电压 Rated coil voltage	线圈电阻 Coil resistance (Ω) ±10%	线圈功率 Power Consumption	动作电压 Operate voltage	释放电压 Release voltage	线圈最大电压 Max. allowable voltage
D6	6 VDC	40	0.89~1.1 W	75% Maximum	10% Minimum	110% Maximum
D12	12 VDC	160				
D24	24 VDC	650				
D48	48 VDC	2600				
D110	110 VDC	11000				
A6	6 VAC	9.5	1.2 VA	80% Maximum	15% Minimum	110% Maximum
A12	12 VAC	46				
A24	24 VAC	180				
A48	48 VAC	770				
A110	110 VAC	3830				
A120	120 VAC	4430				
A220/230	220/230 VAC	15000				
A240	240 VAC	15700				

注Annotation: 交流线圈电源频率50~60Hz. The frequency of AC Coil is 50 ~ 60 Hz.

触点参数Contact parameters

- 触点形式Contact Form: 4PDT
- 接触电阻Contact Resistance: 100m Ω Max. At 6VDC,100mA
- 触点材质Contact Material: AgSnO2/AgNi
- 阻性负载Resistive load : 20A@28VDC/120VAC/277VAC(10A@28VDC/240VAC),50~60Hz
- 马达负载Motor load: 1/2hp@120VAC,1hp@277VAC,50~60Hz
- 电气寿命Electrical Life: 5万操作次数, 在额定负载情况下, 50,000 operations at Rated Resistive Load.
- 机械寿命Mechanical Life: 1000万操作次数, 在无负载情况下, 10,000,000 operations at No Load condition.

综合性能参数Comprehensive performance parameter



- 绝缘电阻Insulation resistance:500M Ω Min. at 500VDC
- 介质耐压(初始) Dielectric strength (initial) : 同极触点间1000VAC,1Min;  
异极触点间1500VAC,1Min;  
线圈触点间1500VAC,1Min  
Between open contact 1000VAC,1Min;  
Between different pole 1500VAC,1Min;  
Between contact and coil 1500VAC,1Min
- 动作时间Operate time: 20ms Max.
- 释放时间Release time: 20ms Max.

使用环境Service environment

- 使用环境温度Ambient temperature: -25~+50 °C
- 湿度Ambient humidity: 5%-85%
- 抗冲击Shock resistance : 破坏性 Destruction: 1,000 m/s<sup>2</sup>  
故障 Malfunction: 200 m/s<sup>2</sup>

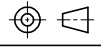
- 耐振动Vibration resistance: 破坏性 Destruction: 10 to 55 Hz, 0.5 mm single amplitude (1.0 mm double amplitude)  
故障 Malfunction: 10 to 55 Hz, 0.5 mm single amplitude (1.0 mm double amplitude)

其它Other

- 基座材质The base material:UL94V-0, 酚醛塑料 Phenolic molding compound, 耐温temperature resistance: 155 °C
- 防尘外壳Dust-proof cover: 透明PC Transparent PC
- 重量Weight: About 36g
- 安规认证Safety Approval: C  US UL证书号码 File Number: E521873
- 重点尺寸Critical dimension: 

继电器规格号示例Part Number Description:  
AL 4C XX S C L XXXX 00G



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APPROVED	CHECKED	DESIGNED	DRAWN	CUST NO.	Tolerance		
		PansLee 2022.1.09	PansLee 2022.1.09		UNIT: mm	X.X	±0.10
					SCALE: NONE	X.XX	±0.05
					SHEET: 02/02	X.XXX	±0.005
				REV: A0	X°	±1°	

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