

RoHS Compliant

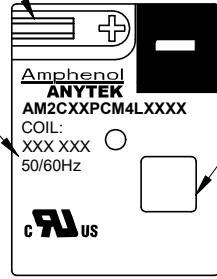
Rev.	SIGN	DATE	DESCRIPTION	APPROVER
B	—	11/12'24	The first release	PansLee

THIS IS CAD DRAWING, DO NOT REVISE MANUALLY!!!

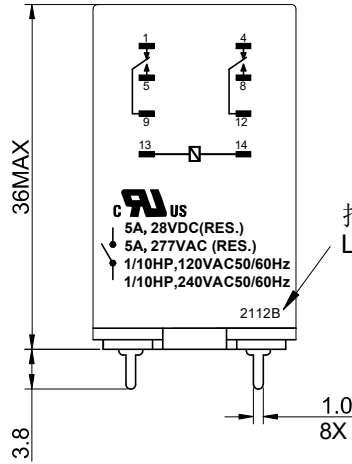
AC需增加电源频率,
DC无电源频率/
Shows frequency for AC,
No power frequency for DC

旋转按钮/
Rotary button

机械指示旗视窗/
Mechanical indication flag
window

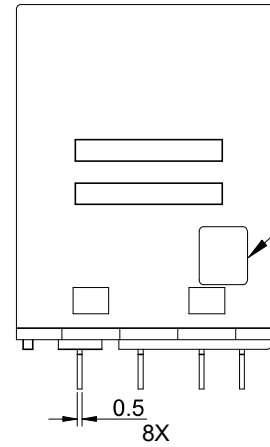


LED视窗/
LED window

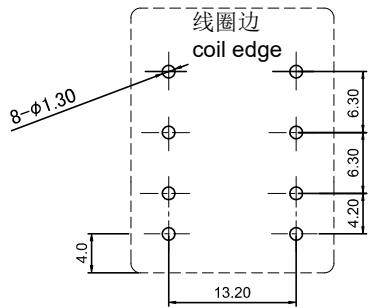


批号 (年+周)
Lot number

防滑刻痕 /Non-slip
scoring

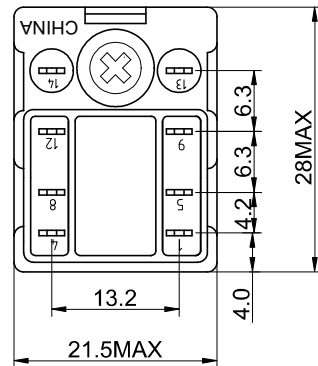


触点视窗/
Contact window



RECOMMENDED PCB LAYOUT

PCB mounting hole size tolerance ± 0.05



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TITLE	AM-DPDT/ROTARY BUTTON/LED/INDICATOR FLAG INDUSTRIAL RELAY					
PART NO.	AM2CXXPCM4LXXXX00G		DWG NO.	8AM2C-0010		
APPROVED	CHECKED	DESIGNED	DRAWN	CUST NO.		Tolerance
		PansLee 2024.11.12	PansLee 2024.11.12			0~1 ± 0.2
						>1~5 ± 0.3
						>5 ± 0.4
				SHEET: 01/02		REV.: B

RoHS Compliant

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

线圈绝缘系统:UL认证, B级, 130度/Coil1 insulation system: UL Approval, Group B,130 °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
D006	6 VDC	40	0.89~1.1 W	75% Maximum	10% Minimum	110% Maximum
D012	12 VDC	160				
D024	24 VDC	650				
D048	48 VDC	2600				
D110	110 VDC	11000	1.2 VA	80% Maximum	30% Minimum	110% Maximum
A006	6 VAC	9.5				
A012	12 VAC	46				
A024	24 VAC	180				
A048	48 VAC	770				
A110	110 VAC	3830				
A120	120 VAC	4430				
A220/230	220/230 VAC	15000				
A240	240 VAC	15700				

触点参数/Contact parameters

- 触点形式/Contact Arrangement: DPDT
- 接触电阻/Contact Resistance: 100m Ω Max. At 6VDC,1A
- 触点材质/Contact Material: AgNi
- 阻性负载/Resistive load : 5A@28VDC,277VAC 50~60Hz
- 马达负载/Motor load: 1/10HP@120VAC 50~60Hz; 1/10HP@240VAC 50~60Hz
- 电气寿命:10万次/Electrical Life:100,000 operations
- 机械寿命:1000万操作次数, 在无负载情况下/Mechanical Life: 10,000,000 operations at No Load condition.

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

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/Between contacts of the same polarity 1000VAC,1Min
异极触点间1500VAC,1Min/Between contacts of different polarity 1500VAC,1Min
线圈触点间1500VAC,1Min / Between coil and contacts 1500VAC,1Min
漏电流: 最大3mA / Leakage current: 3 mA Max .

- 动作时间/Operate time: 20ms Max.
- 释放时间/Release time: 20ms Max.

使用环境/Service environment

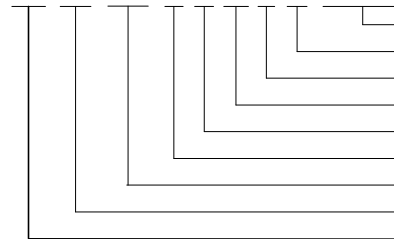
- 使用环境温度/Ambient temperature: -25-+50 °C
- 湿度/Ambient humidity: 5%-85%
- 抗冲击/Shock resistance :冲击强度/Destructive: 1,000 m/s²
稳定性 /Functional: 200 m/s²
- 耐振动/Vibration resistance:10Hz to 55Hz 1mm DA

其它/Other

- 基座材质:UL94V-0, 酚醛塑料,模塑成型, 耐温155度
/The base material:UL94V-0, Phenolic molding compound, temperature resistance155 °C
- 防尘外壳: 透明PC/Dust-proof cover: Transparent PC
- 重量/Weight: About 37g
- 安规认证/Safety Approval: cULus UL证书号码 /UL File Number: E521873

继电器规格号示例Part Number Description:

AM 2C XX P C M 4 L XXXX 00G



- 线圈规格代码Coil Voltage: D024:DC24V A220:AC220V
- LED : L: 带LED指示灯With LED indicator
- 按钮类型Button type: 4: 旋转按钮Rotary button, 自锁self-lock
- 测试按钮Test Button: M: 手动测试按钮With Manual test button
- 外壳形式Cover type: C: 一般外壳plain cover
- 引出端形式Terminal Type: P:PCB焊接式端子
- 触点额定负载Contact rating: 05: 5A
- 触点形式Contact Arrangement: 2C: DPDT, 两组转换Two groups of conversion
- 产品型别Series Designation : AM Series

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		PansLee 2024.11.12	PansLee 2024.11.12		UNIT: mm	0~1 ±0.2
					SCALE: NONE	>1~5 ±0.3
					REV.: B	>5 ±0.4
				SHEET: 02/02		