

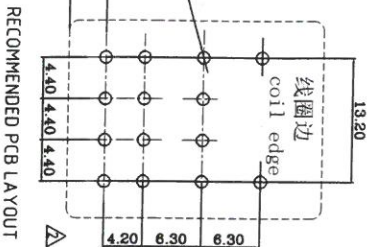
RoHS Compliant

8A, 28VDC
8A, 27VAC 50/60Hz

A(当负载为10A 印字图
When the load is 10A,
print the font)

8A, 28VDC(RES.)
8A, 27VAC(RES.)
10A, 120VAC(RES.)
1/3HP, 120VAC 50/60Hz
1/2HP, 27VAC 50/60Hz

B(当负载为10A 印字图
When the load is 10A,
print the font)

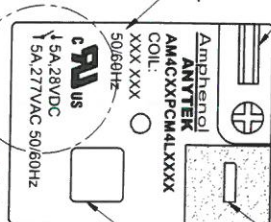


AC需增加电源频率
Shows frequency for AC
DC无电源频率 No power
frequency for DC

旋转按钮
Rotary button

机械指示旗视窗
Mechanical indication flag
window

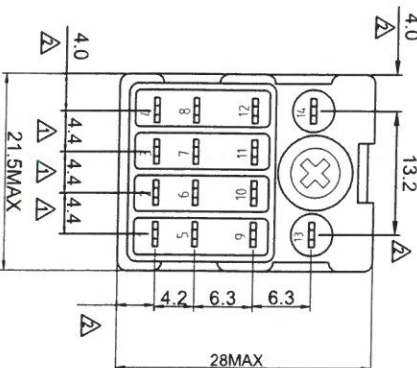
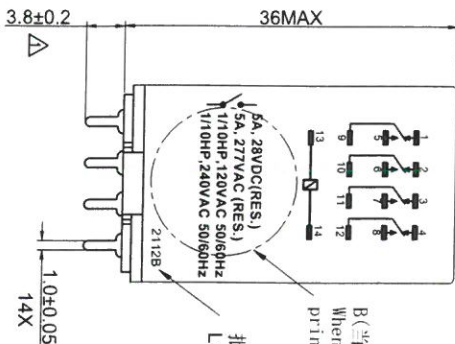
LED视窗
LED window



A(当负载为5A 印字图
When the load is 5A,
print the font)

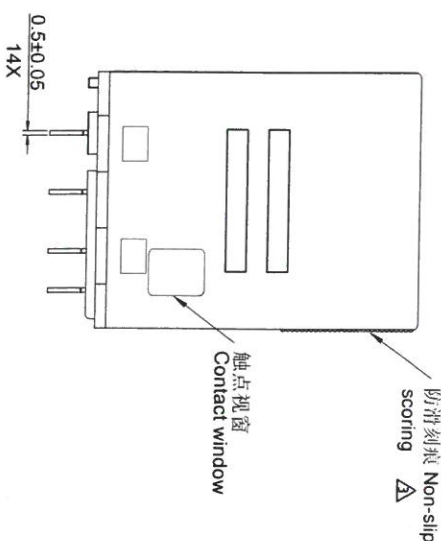
B(当负载为5A 印字图
When the load is 5A,
print the font)

批号 (年+周)
Lot number



Rev.	SIGN	DATE	DESCRIPTION	APPROVER
A0	—	03/21/22	The first release	Panslee
A1	△	10/11/23	Dim changed from 4, 4.2 to 4.4, 3.8±0.2	Panslee
A1	△	10/11/23	Added PCB board drilling view, increase reference size	Panslee
A1	△	10/11/23	Upgrade drawing information, Remove critical size controls	Panslee

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TITLE AM-4PDT/ROTARY BUTTON/LED/INDICATOR FLAG INDUSTRIAL RELAY 工业继电器

PART NO. AM4CXXPCM4LXXXX00G DWG NO. 8AM4C-0014

APPROVED CHECKED DESIGNED DRAWN CUST NO. Tolerance

Panslee 2023.10.11 Panslee 2023.10.11 UNIT: mm X.XX ±0.20

SCALE: NONE X.XXX ±0.05

REV: A1 X* ±0.005

SHEET: 01/02

REV: A1

X* ±0.005

RoHS Compliant

线圈参数,在23℃环境下 Coil parameters (At 23℃)

线圈规格代号 Coil voltage code	线圈额定电压 Rated coil voltage	线圈电阻 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				
D012	12 VDC	160				
D024	24 VDC	650	0.89~1.1 W	75% Maximum	10% Minimum	110% Maximum
D048	48 VDC	2600				
D0110	110 VDC	11000				
A006	6 VAC	9.5				
A012	12 VAC	46				
A018	18 VAC	180				
A024	24 VAC	770				
A110	110 VAC	3830	1.2 VA	80% Maximum	15% Minimum	110% Maximum
A120	120 VAC	4430				
A220	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: 100mΩ Max. At 6VDC,100mA
- 触点材质Contact Material: AgNi
- 阻性负载Resistive load : 5A@28VDC/277VAC 50~60Hz
8A@28VDC/277VAC 50~60Hz
10A@120VAC

- 马达负载Motor load: 1/10Hp@120VAC,1/10Hp@240VAC,50~60Hz
- 电气寿命Electrical Life: 10万操作次数,在额定负载情况下, 100,000 operations at Rated Resistive Load.
- 马达负载Motor load: 1/10Hp@120VAC,1/10Hp@240VAC,50~60Hz
- 电气寿命Electrical Life: 10万操作次数,在额定负载情况下, 100,000 operations at Rated Resistive Load.
- 机械寿命Mechanical Life: 1000万操作次数,在空负载情况下, 10,000,000 operations at No Load condition.
- 综合性能参数Comprehensive performance parameter
- 绝缘电阻Insulation resistance:500MΩ 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.
- 使用环境温度Service environment
- 湿度Ambient humidity: 5%~85%
- 温度Ambient temperature: -25~+50℃
- 抗冲击Shock resistance : 破坏性 Destruction: 1,000 m/s²
故障 Malfunction: 200 m/s²
- 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℃
- 防尘外壳Dust-proof cover: 透明PC Transparent PC
- 重量Weight: About 32g
- 安规认证Safety Approval: CE,UL,UL证书号 File Number: E521873

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继电器规格号示例Part Number Description:

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

线圈规格代号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 10:10A
触点形式Contact Form: 4C: 4PDT, 四组转换Four groups of conversion
产品型号Series Designation : .AM Series

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TITLE		DWG NO.		CUST NO.		Tolerance	
AM-4PDT/ROTARY BUTTON/LED/INDICATOR FLAG INDUSTRIAL RELAY 工业继电器		8AN4C-0014					
PART NO.	AM4CXXPCML4LXXXX00G	DESIGNED	Panslee	DRAWN	Panslee	UNIT:	mm
APPROVED	CHECKED	DESIGNED	Panslee	DRAWN	Panslee	SCALE:	NONE
		2023.10.11	2023.10.11			REV:	A1
							X°
							±0.20
							±0.05
							±0.005