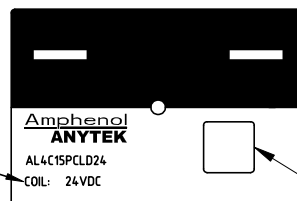


RoHS Compliant

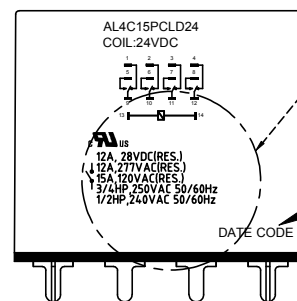
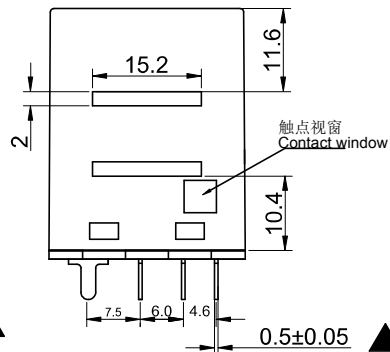
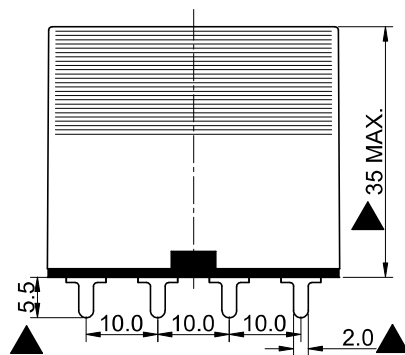
Rev.	SIGN	DATE	DESCRIPTION	APPROVER
A0	—	01/09'22	The first release	PansLee
THIS IS CAD DRAWING, DO NOT REVISE MANUALLY!!!				

DC无电源频率
No power
frequency for DC



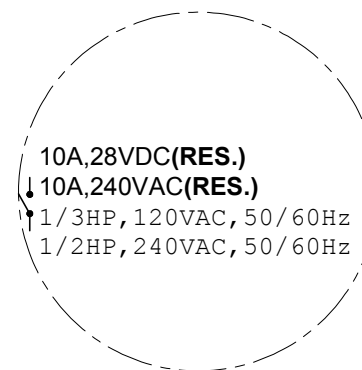
机械指示旗视窗
Mechanical indication flag
window

LED视窗
LED window

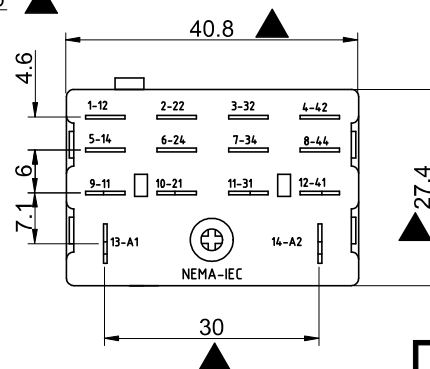


当负载为12A 印字图

批号
Lot number



当负载为10A 印字图



Amphenol
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TITLE		AL-4PDT/LED/INDICATOR FLAG INDUSTRIAL RELAY				
PART NO.		AL4CXXPCLXXX00G		DWG NO.	8AL4C-0006	
APPROVED	CHECKED	DESIGNED	DRAWN	CUST NO.	Tolerance	
					UNIT: mm	X.X ±0.10
SHEET: 01/02	REV.: A0	PansLee 2022.1.09	PansLee 2022.1.09	SCALE: NONE	X°	X.XX ±0.05
						X.XXX ±0.005
X°	±1°					

1		2		3		4		5		6		7					
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℃环境下 Coil parameters (At 23℃)																	
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: 100mΩ 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: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Service environment																	
●使用环境温度Ambient temperature: -25~+50℃																	
●湿度Ambient humidity: 5%-85%																	
●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 36g																	
●安规认证Safety Approval: cULus 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 P C L XXXX 00G																	
线圈规格代码Coil Voltage: D024:DC24V A220:AC22V																	
LED : L: 带LED指示灯With LED indicator																	
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Cotact rating: 12: 12A 10:10A																	
触点形式Contact Form: 4C: 4PDT, 四组转换Four groups of conversion																	
产品型别Series Designation : AL Series																	
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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.XXX ±0.05					
								SHEET: 02/02		REV.: A0		X° ±1°					