



RELAYS

黎明继电器
LIMING RELAY



宁波黎明继电器有限公司
NINGBO LIMING RELAY COMPANY LIMITED



黎明继电器

CLASSIFICATION		PCB RELAY			
		JQC-3F(T73)	JQC-3F(T73-2)	JZC-7F(4123)	JZC-21F(T70)
Appearance 外型					
	Outline Dimension(L×W×H) 外形尺寸(mm)	19×15.5×15.5	19.5×16×16.8	22×16.5×16.5	22.5×16.5×24
Contact Form 触点形式		1A,1B,1C	1A,1B,1C	1A,1B,1C	1A,1C
Contact Resistance 接触电阻		100mΩ	100mΩ	100mΩ	100mΩ
Coil Voltage 线圈电压		5VDC ~48VDC	3~48VDC	5VDC ~48VDC	5VDC ~48VDC
Pick-up Voltage 动作电压		≤75%	≤75%	≤75%	≤75%
Release Voltage 释放电压		≥10%	≥10%	≥10%	≥10%
Coil Power(W)线圈功率(瓦)		0.36	0.36,0.45,0.6,0.8	0.36	0.36,0.45
Contact transfer Current(A) 触点切换电流(A)	80A 70A 50A 40A 30A 20A 15A 10A 5A 1A				
Contact Rating 触点容量		10A/15A 120VAC 7A/10A 240VAC 10A/15A 28VDC	20A/125VAC 10A/250VAC 7A/277VAC	10A/15A 28VDC 10A/15A 120VAC 7A/10A/240VAC	10A/15A 120VAC 28VAC 7A/240VAC
Insulation Resistance 绝缘电阻		100MΩ	100MΩ	100MΩ	100MΩ
Dielectric Strength 介质耐压	Between Open Contact 断开触点间	750VAC	1000VAC	750VAC	750VAC
	Between Coil and Contact 触点线圈间	1500VAC	3000VAC	1500VAC	1000VAC
Life 寿命	Electrical 电气	1×10 ⁵	1×10 ⁵	1×10 ⁵	1×10 ⁵
	Mechanical 机械	1×10 ⁷	1×10 ⁷	1×10 ⁷	1×10 ⁷
Temperature Range 使用温度		-40~+70℃	-40~+85℃	-40~+70℃	-40~+70℃
Terminal Layout 脚位图					
Mounting Holes(mm) 安装尺寸					
Mounting Form 安装形式		PCB Terminal	PCB Terminal	PCB Terminal	PCB Terminal
Weight 重量		10g	10g	11g	14g
Safety Approval 安全标准		UL	UL	UL	UL

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PCB RELAY

JZC-22F	JZC-22F-2	JZC-20F(4088)	H200F	H22F
20.2 × 16.5 × 20.2	21 × 16 × 20.3	22.5 × 16.5 × 24	22.5 × 16.5 × 23.5	22.5 × 16.5 × 23.5
1A,1B,1C	1A,1B,1C	1A,1C	1A,1C	1A,1C
100mΩ	100mΩ	100mΩ	100mΩ	100mΩ
5VDC ~48VDC	3~48VDC	5VDC ~48VDC	5VDC ~48VDC	5VDC ~48VDC
≤75%	≤75%	≤75%	≤75%	≤75%
≥10%	≥10%	≥10%	≥10%	≥10%
0.36,0.45	0.36,0.45	0.36	0.36,0.45	0.36,0.45
10A/15A/28VDC 120VAC 7A/10A/240VAC	20A/125VAC,28VDC 10A/220VAC	5A/10A 120VAC 5A/10A 28VDC 5A 240VAC	10A/15A/120VAC 28VAC 7A/240VAC	10A/15A/120VAC 28VAC 7A/240VAC
100MΩ	100MΩ	100MΩ	100MΩ	100MΩ
750VAC	1000VAC	750VAC	750VAC	750VAC
1500VAC	4000VAC	1000VAC	1000VAC	1000VAC
1 × 10 ⁵	1 × 10 ⁵	1 × 10 ⁵	1 × 10 ⁵	1 × 10 ⁵
1 × 10 ⁷	1 × 10 ⁷	1 × 10 ⁷	1 × 10 ⁷	1 × 10 ⁷
-40~+70°C	-40~+85°C	-40~+55°C	-40~+55°C	-40~+70°C
PCB Terminal	PCB	PCB Terminal	PCB Terminal	PCB Terminal
13g	10g	13g	14g	14g
UL				



黎明继电器

CLASSIFICATION		PCB RELAY			
		JZC-6FA(4098)	JZC-6FB(4098)	JQX-14FA	JQX-14FB
Appearance 外型					
Outline Dimension(L×W×H) 外形尺寸(mm)		19×15.5×15.5	18.5×15.5×14	28.9×12.6×20.6	28.9×12.6×20.6
Contact Form 触点形式		1C	1C	1A,1B,1C	1A,1B,1C
Contact Resistance 接触电阻		100mΩ	100mΩ	100mΩ	100mΩ
Coil Voltage 线圈电压		5VDC~24VDC	5VDC~24VDC	5VDC~48VDC	5VDC~48VDC
Pick-up Voltage 动作电压		≤75%	≤75%	≤80%	≤80%
Release Voltage 释放电压		≥10%	≥10%	≥10%	≥10%
Coil Power(W)线圈功率(瓦)		0.36	0.36	0.54,0.72	0.54,0.72
Contact transfer Current(A) 触点切换电流(A)		80A 70A 50A 40A 30A 20A 15A 10A 5A 1A			
Contact Rating 触点容量		2A 120VAC/28VDC	1A 120VAC/28VDC	16A 240VAC/30VDC	10A 240VAC/30VDC
Insulation Resistance 绝缘电阻		100MΩ	100MΩ	1000MΩ	1000MΩ
Dielectric Strength 介质耐压	Between Open Contact 断开触点间	500VAC	500VAC	1000VAC	1000VAC
	Between Coil and Contact 触点线圈间	750VAC	750VAC	5000VAC	5000VAC
Life 寿命	Electrical 电气	1×10 ⁵	1×10 ⁵	1×10 ⁵	1×10 ⁵
	Mechanical 机械	1×10 ⁷	1×10 ⁷	1×10 ⁷	1×10 ⁷
Temperature Range 使用温度		-40~+75℃	-40~+75℃	-40~+70℃	-40~+70℃
Terminal Layout 脚位图					
Mounting Holes(mm) 安装尺寸					
Mounting Form 安装形式		PCB Terminal	PCB Terminal	PCB Terminal	PCB Terminal
Weight 重量		10g	8g	13g	13g
Safty Approval 安全标准				UL	UL

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PCB RELAY

JQX-14FC	JQX-115F	JZC-32F	JZC-33F	T72
28.9×12.6×20.6	29×13.0×15.7	18.8×10.6×15.6	20.5×10.6×15.3	22×17.5×15
2A,2B,2C	1A,1B,1C,2A,2B,2C	1A,1C	1A,1C	1A,1B,1C
100mΩ	100mΩ	100mΩ	100mΩ	100mΩ
5VDC ~48VDC	5VDC ~110VDC	5VDC ~24VDC	5VDC ~24VDC	5VDC ~48VDC
≤80%	≤75%	≤75%	≤75%	≤75%
≥10%	≥10%	≥10%	≥10%	≥10%
0.54,0.72	0.4	0.2,0.45	0.2,0.45	0.36
7A 240VAC/30VDC	12A/16A 250VAC 8A 250VAC	10A 125VAC 7A 250VAC/30VDC 5A 250VAC/30VDC	10A 125VAC 7A 250VAC/30VDC 5A 250VAC/30VDC	10A/15A 28VDC 10A/15A 120VAC 7A/10A/240VAC
1000MΩ	100MΩ	1000MΩ	1000MΩ	100MΩ
1000VAC	1000VAC	1000VAC	1000VAC	750VAC
5000VAC	5000VAC	2500VAC	5000VAC	1500VAC
1×10 ⁵	1×10 ⁵	1×10 ⁵	1×10 ⁵	1×10 ⁵
1×10 ⁷	1×10 ⁷	1×10 ⁷	1×10 ⁷	1×10 ⁷
-40~+70°C	-40~+70°C	-40~+70°C	-40~+70°C	-40~+70°C
PCB Terminal	PCB Terminal	PCB Terminal	PCB Terminal	PCB Terminal
13g	13.5g	16g	17g	12g
UL	UL			UL



黎明继电器

CLASSIFICATION	PCB RELAY			HEAVY POWER RELAYS	
	T78	4099	JZC-4137	JZC-102F	
Appearance 外型					
Outline Dimension(L×W×H) 外形尺寸(mm)	15.7×12.3×14	22×16.5×16.5	22.5×16.8×18.8	30.5×16.0×23.5	
Contact Form 触点形式	1A,1C	2A,2C	2A,2B,2C	1A	
Contact Resistance 接触电阻	< 50mΩ	< 100mΩ	100mΩ	50mΩ	
Coil Voltage 线圈电压	6,9,12,24VDC	6,9,12,24VDC	5VDC ~48VDC	5VDC ~24VDC	
Pick-up Voltage 动作电压	≤65%	≤75%	≤75%	≤70%	
Release Voltage 释放电压	≥10%	≥10%	≥10%	≥10%	
Coil Power(W)线圈功率(瓦)	0.6W,0.8W	0.5W, 0.6W	0.5	0.9	
Contact transfer Current(A) 触点切换电流(A)	80A 70A 50A 40A 30A 20A 15A 10A 5A 1A				
Contact Rating 触点容量	NO:20A 14VDC 10A 120VAC NC:15A 14VDC 10A 120VAC	0.5W:1,2,3A 277VAC/30VDC 0.6W:3,5A 277VAC/30VDC	5A/125VAC 3A/240VAC,28VDC	20A 125VAC	
Insulation Resistance绝缘电阻	100MΩ	100MΩ	100MΩ	1000MΩ	
Dielectric Strength 介质耐压	Between Open Contact 断开触点间	500VAC	750VAC	750VAC	1000VAC
	Between Coil and Contact 触点线圈间	500VAC	1000VAC	1500VAC	4500VAC
Life 寿命	Electrical 电气	10 ⁵	10 ⁵	1×10 ⁵	1×10 ⁵
	Mechanical 机械	10 ⁷	10 ⁷	1×10 ⁷	1×10 ⁶
Temperature Range使用温度	-40~+85°C	-40~+70°C	-40~+70°C	-40~+55°C	
Terminal Layout 脚位图					
Mounting Holes(mm) 安装尺寸					
Mounting Form 安装形式	PCB Terminal	PCB Terminal	PCB Terminal	PCB Terminal	
Weight 重量	6g	12g	12g	23g	
Safety Approval 安全标准	UL,TUV	UL,TUV	UL		

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HEAVY POWER RELAYS

JQX-15FA(4500)	JQX-15FB(4501)	JQX-15FC(4502)	JQX-15FD(4503)	JQX-54FE
32.5 × 27.5 × 20.5	32.2 × 27.5 × 28	50.5 × 27.5 × 28.5	32.5 × 27.5 × 20.5	30.4 × 16.0 × 26.5
1A,1B,C	1A,1B,C	1A,1B,1C	1A,1B,1C	1A
100mΩ	100mΩ	100mΩ	100mΩ	50mΩ
5VDC ~48VDC	5VDC ~48VDC	5VDC ~48VDC	5VDC ~48VDC	6-48VDC
≤75%	≤75%	≤75%	≤75%	≤75%
≥10%	≥10%	≥10%	≥10%	≥10%
0.9	0.9	0.9	0.9	0.9
20A,30A 240VAC/28VDC	20A,30A 240VAC/28VDC	20A,30A 240VAC/28VDC	20A,30A 240VAC/28VDC	25A/250VAC, 20A/277VAC, 20A/125VAC, Cos φ =0.4
100MΩ	100MΩ	100MΩ	100MΩ	100MΩ
1500VAC	1500VAC	1500VAC	1500VAC	1000VAC
2000VAC	2000VAC	2000VAC	2000VAC	2000VAC
1 × 10 ⁵	1 × 10 ⁵	1 × 10 ⁵	1 × 10 ⁵	1 × 10 ⁵
1 × 10 ⁷	1 × 10 ⁷	1 × 10 ⁷	1 × 10 ⁷	1 × 10 ⁷
-55~+85℃	-55~+85℃	-55~+85℃	-55~+85℃	-30~+55℃
PCB Terminal	PCB QUICKET Terminal	QUICKET Terminal	PCB QUICKET Terminal	PCB,QUICK
30g	33g	36g	32g	28g
UL	UL	UL	UL	





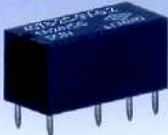






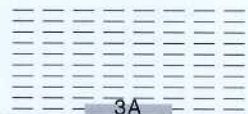
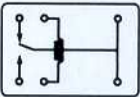

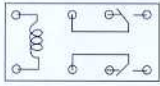
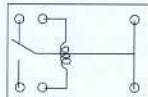
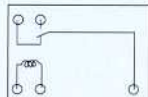
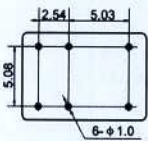
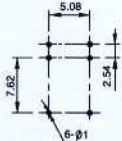
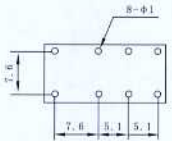
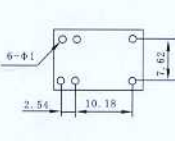
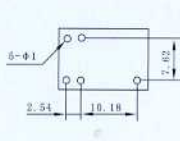
黎明继电器

CLASSIFICATION		GENERAL PURPOSE RELAY																																											
		JQX-13F(76F)	JZX-18F(4453)	JZX-22F(3Z)	JZX-22F(4Z)																																								
Appearance 外型																																													
Outline Dimension(L×W×H) 外形尺寸(mm)		28.5×22×35	28×22×35	28×22×35	28×22×35																																								
Contact Form 触点形式		2A,2C	2A,2C	3A,3C	4A,4C																																								
Contact Resistance 接触电阻		100mΩ	100mΩ	100mΩ	100mΩ																																								
Coil Voltage 线圈电压		5VDC ~48VDC	5VDC ~48VDC	5VDC ~48VDC	5VDC ~48VDC																																								
Pick-up Voltage 动作电压		≤75%	≤75%	≤75%	≤75%																																								
Release Voltage 释放电压		≥10%	≥10%	≥10%	≥10%																																								
Coil Power(W)线圈功率(瓦)		0.9	0.4,0.9	0.9	0.9																																								
Contact transfer Current(A) 触点切换电流(A)		<table border="1"> <tr><td>80A</td></tr> <tr><td>70A</td></tr> <tr><td>50A</td></tr> <tr><td>40A</td></tr> <tr><td>30A</td></tr> <tr><td>20A</td></tr> <tr><td>15A</td></tr> <tr><td>10A</td></tr> <tr><td>5A</td></tr> <tr><td>1A</td></tr> </table>	80A	70A	50A	40A	30A	20A	15A	10A	5A	1A	<table border="1"> <tr><td>80A</td></tr> <tr><td>70A</td></tr> <tr><td>50A</td></tr> <tr><td>40A</td></tr> <tr><td>30A</td></tr> <tr><td>20A</td></tr> <tr><td>15A</td></tr> <tr><td>10A</td></tr> <tr><td>5A</td></tr> <tr><td>1A</td></tr> </table>	80A	70A	50A	40A	30A	20A	15A	10A	5A	1A	<table border="1"> <tr><td>80A</td></tr> <tr><td>70A</td></tr> <tr><td>50A</td></tr> <tr><td>40A</td></tr> <tr><td>30A</td></tr> <tr><td>20A</td></tr> <tr><td>15A</td></tr> <tr><td>10A</td></tr> <tr><td>5A</td></tr> <tr><td>1A</td></tr> </table>	80A	70A	50A	40A	30A	20A	15A	10A	5A	1A	<table border="1"> <tr><td>80A</td></tr> <tr><td>70A</td></tr> <tr><td>50A</td></tr> <tr><td>40A</td></tr> <tr><td>30A</td></tr> <tr><td>20A</td></tr> <tr><td>15A</td></tr> <tr><td>10A</td></tr> <tr><td>5A</td></tr> <tr><td>1A</td></tr> </table>	80A	70A	50A	40A	30A	20A	15A	10A	5A	1A
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Contact Rating 触点容量		10A 240VAC/30VDC	5A 240VAC/30VDC 10A 240VAC/28VDC	5A 240VAC/28VDC	3A 240VAC/28VDC 5A 125VAC/28VDC																																								
Insulation Resistance 绝缘电阻		100MΩ	100MΩ	100MΩ	100MΩ																																								
Dielectric Strength 介质耐压	Between Open Contact 断开触点间	1000VAC	1000VAC	750VAC	750VAC																																								
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Life 寿命	Electrical 电气	1×10 ⁵	1×10 ⁵	1×10 ⁵	1×10 ⁵																																								
	Mechanical 机械	1×10 ⁷	1×10 ⁷	1×10 ⁷	1×10 ⁷																																								
Temperature Range 使用温度		-40~+70℃	-40~+70℃	-40~+70℃	-40~+70℃																																								
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Mounting Holes(mm) 安装尺寸																																													
Mounting Form 安装形式		PCB Terminal	PCB Terminal	PCB SOCKET Terminal	PCB SOCKET Terminal																																								
Weight 重量		35g	35g	34g	35g																																								
Safety Approval 安全标准																																													

LIMING RELAY










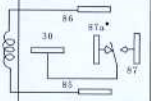
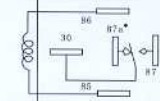
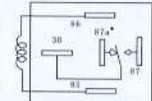
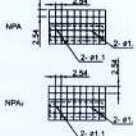
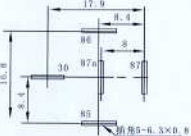
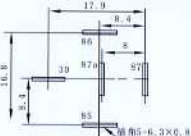
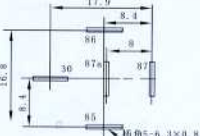


TELECOM RELAY

JRC-3100H	JRC-23F	JRC-19F(4078)	JRC-21F(4100)	JRC-21F(4101)
				
10.3×7.3×9.9	12.5×7.5×10	20.5×10×12	15.5×11×12.0	15.5×11×12.0
1C	1C	2C	1C	1C
50mΩ	100mΩ	50mΩ	100mΩ	100mΩ
3-24VDC	3-24VDC	5VDC ~48VDC	5VDC ~48VDC	5VDC ~48VDC
≤75%	≤75%	≤75%	≤75%	≤75%
≥10%	≥10%	≥10%	≥10%	≥10%
0.33,0.45	0.15,0.2	0.18,0.2,0.36	0.2,0.36	0.2,0.36
				
1A/120VAC 1A/24VDC	1A/24VDC 0.5A/125VAC	1A, 125VAC/28VDC	1A 120VAC/28VDC 3A 120VAC/28VDC	1A 120VAC/28VDC 3A 120VAC/28VDC
100MΩ	1000MΩ	100MΩ	100MΩ	100MΩ
500VAC	400VAC	500VAC	500VAC	500VAC
1000VAC	1000VAC	500VAC	500VAC	500VAC
1×10 ⁵	1×10 ⁵	1×10 ⁵	1×10 ⁵	1×10 ⁵
1×10 ⁷	1×10 ⁷	1×10 ⁷	1×10 ⁷	1×10 ⁷
-25~+70°C	-30~+70°C	-40~+70°C	-40~+70°C	-40~+70°C
				
				
PCB	PCB	PCB Terminal	PCB Terminal	PCB Terminal
1.7g	2.2g	5g	4g	4g
		UL	UL	UL



黎明继电器


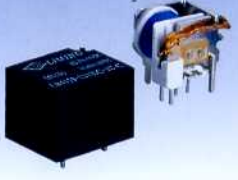

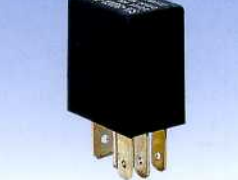
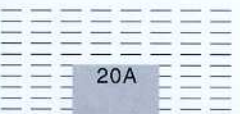
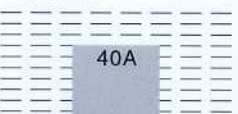


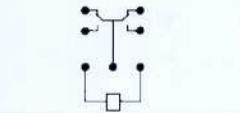
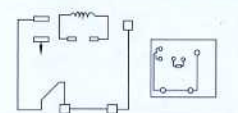
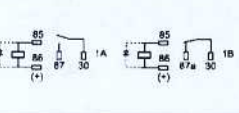
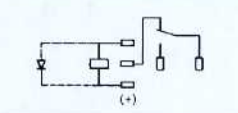
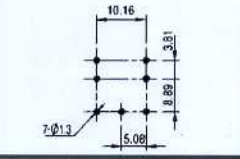
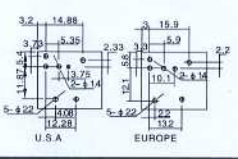
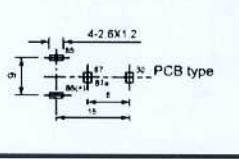
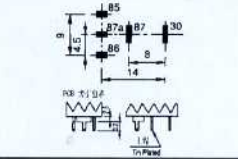
CLASSIFICATION		TELECOM RELAY	AUTOMOBILE RELAY		
Appearance 外型		NPA 	4140 	4141 	4120 
Outline Dimension(L×W×H) 外形尺寸(mm)		21×5.5×12.6	26×26×24.5+16	26×26×24.5	29×29×26+16
Contact Form 触点形式		1A	1A,1B,1C	1A,1B,1C	1A,1B,1C
Contact Resistance 接触电阻		100mΩ	100mΩ	100mΩ	100mΩ
Coil Voltage 线圈电压		5-24VDC	5VDC ~24VDC	5VDC ~24VDC	5VDC ~24VDC
Pick-up Voltage 动作电压		≤75%	≤70%	≤70%	≤70%
Release Voltage 释放电压		≥10%	≥10%	≥10%	≥10%
Coil Power(W)线圈功率(瓦)		0.12	1.6	1.6	1.8
Contact transfer Current(A) 触点切换电流(A)					
Contact Rating 触点容量		3A,5A/30VDC 250VAC	30A 14VDC	30A 14VDC	30A/40A 14VDC
Insulation Resistance 绝缘电阻		1000MΩ	100MΩ	100MΩ	100MΩ
Dielectric Strength 介质耐压	Between Open Contact 断开触点间	1000VAC	500VAC	500VAC	500VAC
	Between Coil and Contact 触点线圈间	2000VAC	750VAC	750VAC	750VAC
Life 寿命	Electrical 电气	1×10 ⁵	1×10 ⁵	1×10 ⁵	1×10 ⁵
	Mechanical 机械	1×10 ⁷	1×10 ⁷	1×10 ⁷	1×10 ⁷
Temperature Range 使用温度		-40~+70℃	-55~+85℃	-55~+85℃	-55~+80℃
Terminal Layout 脚位图					
Mounting Holes(mm) 安装尺寸					
Mounting Form 安装形式		PCB	QUICK Terminal	QUICK Terminal	QUICK Terminal
Weight 重量		3g	29g	30g	40g
Safty Approval 安全标准					

LIMING RELAY



AUTOMOBILE RELAY





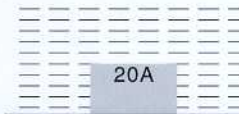

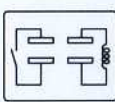
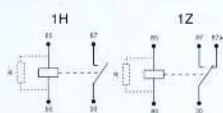
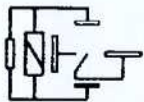
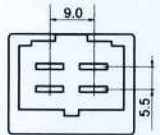
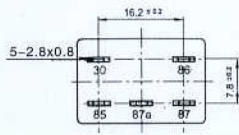
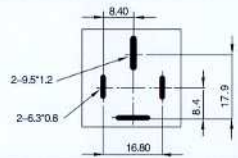
4121	4190	4170	4171	4199
29×29×26	28×28×25(+16.5)	28×28×25	29×29×26.5	34.5×32.5×34
1A,1B,1C	1A,1C,1U	1A,1C	1A,1C,1U	1A,1C
100mΩ	50mΩ	<50mΩ	50mΩ	50mΩ
5VDC ~24VDC	6~24VDC	6,9,12,24VDC	6~24VDC	12,24VDC
≤70%	≤70%	≤65%	≤70%	≤70%
≥10%	≥10%	≥10%	≥10%	≥10%
1.8	1.8	1.8W	1.8	2.9
30A/40A 14VDC	30A/40A 14VDC	1A:70A 14VDC 1C:40A 14VDC	NO:60,80A/14VDC NC:40,70A/14VDC	NO:50A/24VDC,100A/12VDC NC:50A/24VDC,70A/12VDC
100MΩ	100MΩ	100MΩ	100MΩ	100MΩ
500VAC	500VAC	750VAC	500VAC	1500VAC
750VAC	750VAC	750VAC	500VAC	2500VAC
1×10 ⁵	1×10 ⁵	10 ⁵	1×10 ⁵	1×10 ⁵
1×10 ⁷	1×10 ⁷	10 ⁷	1×10 ⁷	1×10 ⁷
-55~+85℃	-40~+85℃	-40~+85℃	-40~+85℃	-40~+85℃
QUICK Terminal	QUICK	QUICK Terminal	PCB,QUICK	QUICK
39g	42g	50g	46g	60g

CLASSIFICATION		AUTOMOBILE RELAY			
		4117	4119	4130	4131
Appearance 外型					
Outline Dimension(L×W×H) 外形尺寸(mm)		13.2×14×18(open type) 18×16.4×20	24×19×20 26.5×21×22.3	23×15.4×37.7	23×15.4×37.7
Contact Form 触点形式		1A,1C,2A,2C	1A,1B,1C	1A	1C
Contact Resistance 接触电阻		<50mΩ	100mΩ	<50mΩ	<50mΩ
Coil Voltage 线圈电压		6,9,12,24VDC	5VDC ~24VDC	6,9,12,24VDC	6,9,12,24VDC
Pick-up Voltage 动作电压		≤65%	≤70%	≤65%	≤65%
Release Voltage 释放电压		≥10%	≥10%	≥10%	≥10%
Coil Power(W)线圈功率(瓦)		1.0W, 1.2W	1.6	1.2W, 1.5W	1.2W, 1.5W
Contact transfer Current(A) 触点切换电流(A)		 20A	 40A	 25A	 20A
Contact Rating 触点容量		1A,1C:10A/120VAC, 28VDC 20A/14VDC 2A,2C:28*10A/120VAC 28VDC,2*20A/14VDC	30A/40A 14VDC 20A 120VAC/28VDC	25A 14VDC	20A 14VDC
Insulation Resistance 绝缘电阻		100MΩ	100MΩ	100MΩ	100MΩ
Dielectric Strength 介质耐压	Between Open Contact 断开触点间	750VAC	500VAC	500VAC	500VAC
	Between Coil and Contact 触点线圈间	1500VAC	750VAC	1000VAC	1000VAC
Life 寿命	Electrical 电气	10 ⁵	1×10 ⁵	10 ⁵	10 ⁵
	Mechanical 机械	10 ⁷	1×10 ⁷	10 ⁷	10 ⁷
Temperature Range 使用温度		-40~+85℃	-55~+85℃	-40~+85℃	-40~+85℃
Terminal Layout 脚位图					
Mounting Holes(mm) 安装尺寸					
Mounting Form 安装形式		PCB Terminal	PCB Terminal	QUICK Terminal ,PCB	QUICK Terminal ,PCB
Weight 重量		9/12g	21g/19g	18g	18.5g
Safty Approval 安全标准		UL,TUV			

LIMING RELAY



AUTOMOBILE RELAY

4132	4133	4270
		
27.7×23×29.3(+20)	23×15×25	35×35×30.5
1A	1A,1C	1A
50mΩ	50mΩ	< 50mΩ
6-48VDC	6-24VDC	6,9,12,24VDC
≤70%	≤70%	≤65%
≥10%	≥10%	≥10%
1.5,1.8	1.5	2.0W
		
30A/14VDC	NO:10A/14VDC NC:20A/14VDC	70A 14VDC
100MΩ	100MΩ	100MΩ
500VAC	500VAC	750VAC
500VAC	500VAC	750VAC
1×10 ⁵	1×10 ⁵	10 ⁵
1×10 ⁷	1×10 ⁷	10 ⁷
-30~+85°C	-40~+85°C	-40~+85°C
		
		
QUICK	QUICK	QUICK Terminal
35g	20g	70g

AUTOMOBILE RELAY SOCKET

ARS	
	
ARSG: general type(通用型)	
ARSG-3P	常开型, Normal Open Type,4 Cables
ARSG-4P	常开型, Normal Open Type,4 Cables
ARSG-5P	转换型, Double Throw Type,5 Cables
	
ARSD:with Diode(带保护二极管型)	
ARSD-3P	常开型, Normal Open Type,3 Cables
ARSD-4P	常开型, Normal Open Type,4Cables
ARSD-5P	常开型, Normal Open Type,5Cables
	
ARSB: general type(通用型)	
ARSB-3P	常开型, Normal Open Type,3 Cables
ARSB-4P	常开型, Normal Open Type,4 Cables
ARSB-5P	转换型, Double Throw Type,5 Cables



黎明继电器

CLASSIFICATION

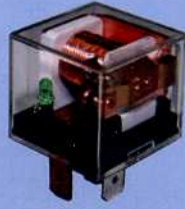
AUTOMOBILE RELAY

Appearance
外型

4120-T

4120-TB

4180-2



Outline Dimension(L×W×H)
外型尺寸(mm)

29×29×26+16

29×29×26+16

58.5×22.6×35

Contact Form触点形式

1A, 1B, 1C

1A, 1B, 1C

2C, 2A, 1C, 1A

Contact Resistance接触电阻

100mΩ

100mΩ

50mΩ

Coil Voltage线圈电压

5VDC~24VDC

5VDC~24VDC

DC12, 24

Pick-up Voltage动作电压

≤70%

≤70%

≤70%

Release Voltage释放电压

≥10%

≥10%

≥10%

Coil Power(W)线圈功率(瓦)

1.8

1.8

14.4

Contact transfer
Current(A)
触点切换电流(A)

80A
70A
50A
40A
30A
20A
15A
10A
5A
1A

40A

40A

80A

Contact Rating触点容量

30A/40A 14VDC

30A/40A 14VDC

80/100A 12VDC

Insulation Resistance绝缘电阻

100mΩ

100mΩ

100mΩ

Dielectric
Strength
介质耐压

Between Open Contact
断开触点间

500VAC

500VAC

500VAC

Between Coil and
Contact触点线圈间

750VAC

750VAC

500VAC

Life
寿命

Electrical电气

1×10⁵

1×10⁵

1×10⁴

Mechanical机械

1×10⁷

1×10⁷

1×10⁵

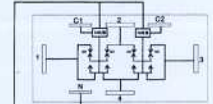
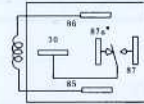
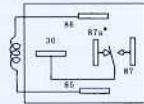
Temperature Range使用温度

-55~+80℃

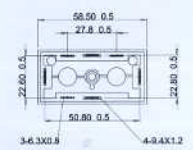
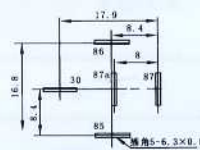
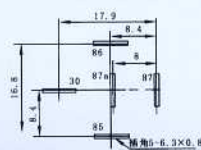
-55~+80℃

-25℃~+55℃

Terminal Layout
脚位图



Mounting Holes(mm)
安装尺寸



Mounting Form安装形式

QUICK Terminal

QUICK Terminal

QUICK Terminal

Weight重量

40g

40g

150g

Safety Approval安全标准

TUV

TUV

TUV

LIMING RELAY



CLASSIFICATION

Appearance
外型

Contact Form触点形式

Contact Voltage接触电压和负载电流

额定电压

接触电阻

20 ± 5°C 低温时
最大电机电压(VDC)

Mechanical Life机械寿命(Min.)

Electrical Life电气寿命(Min.)

线圈额定电压

线圈额定电压、最大电流

20 ± 5°C 时线圈最大起动力

Insulation Resistance绝缘电阻

线圈与触头间

环境温度与海拔高度

最大相对湿度

固定点的冲击力

Wallop冲击力

持续加速度

操作规律

安装方向

Safty Approval安全标准

AUTOMOBILE RELAY

LM-K400



2Z

80VDC Max 400A

12 (V)

30mΩ Max.

接触 不大于额定电压70%
脱扣 额定电压的5% ~ 30%

100,000 Ops

50,000 Ops

60 ~ 110 VDC

0.4A

5A

100MΩ Min

Between Contacts 2000VAC.
Between coil and contacts 1500VAC.

-40°C ~ +85°C; 0 ~ 20000m

98%

频率(11Z) 10 ~ 200

速度(g) ≤ 3.5
速度(time/min.) 60 ~ 100
速度(g) 4

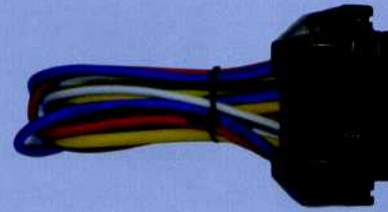
8

连续

任意

TUV

ARS-2



ARSG: general type(通用型)

ARSG-3P

常开型, Normal Open
Type, 4Cables

ARSG-4P

常开型, Normal Open
Type, 4Cables

ARSG-5P

转换型, Double Throw
Type, 5Cables

宁波黎明继电器有限公司

NINGBO LIMING RELAY COMPANY LIMITED

地址: 浙江省宁波市镇海庄市兆龙路68号

ADD: No.68,Zhaolong lane, Zhuangshi St,

Zhenhai, Ningbo,315201,China

电话(TEL): (86)-574-86692757

传真(FAX): (86)-574-86690219

E-mail: zjdlm101@mail.nbptt.zj.cn

lmrelay@lmrelay.com

website:www.lmrelay.com