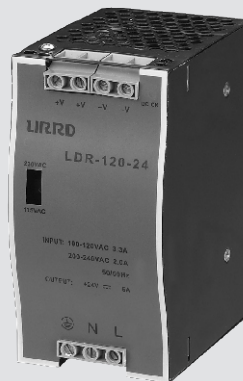
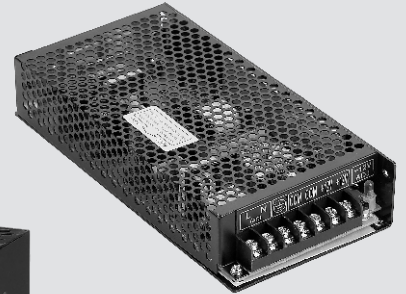
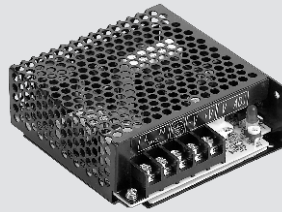


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开关电源系列

POWER SUPPLY SERIES



LDR 系列开关电源 LDR series power supply



概述 Description

LDR系列开关电源具有体积小、重量轻、导轨式安装等优点，作为直流稳压电源广泛用于通讯设备、工业控制装置等领域。

The LDR series power supply have the advantage of small size, light weight, din rail installation. It is used in Industrial control equipments, Communications equipment, etc.

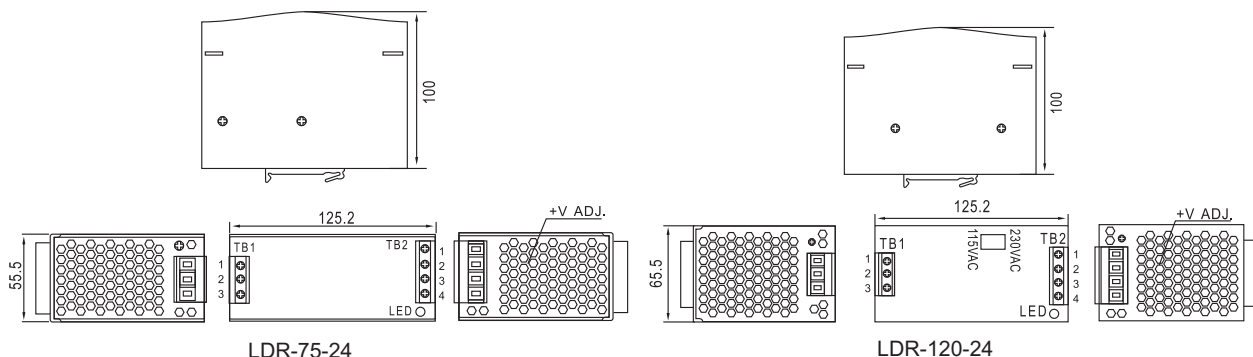
产品特点 Features

- 1、采用进口元器件、可靠性高。AC input range selectable by switch
- 2、内置EMI滤波器，抗干扰性能好。Buit-in EMI filter
- 3、直流纹波小，工作效率高。Protections: Short circuit / Overload / Over voltage / Over temperature
- 4、设计软启动电路、交流浪涌电流限制。Cooling by free air convection
- 5、具有短路、过载、过压保护功能。Can be installed on DIN rail TS-35/7.5 or 15
- 6、输出直流电压可调范围宽。UL 508(industrial control equipment) listed
- 7、标准导轨式安装方式，使用简单。100% full load burn-in test

主要技术参数 Specification

型号 Model No .	LDR-75-24	LDR-120-24
AC输入电压范围 AC input voltage range	85-265(VAC)面板开关选择输入电压 85-265(VAC) selectable by switch	
AC浪涌电流 AC inrush current	40A、230VAC	
过载保护 Overload protection	105-150%恒流限制，自动恢复 constant current limiting, auto-recovery	
OVP	Range	115%-142%的输出电压，输出关闭，交流周期内自启动 115%~142% rated out put voltage, Shut off, AC recycle to re-start
	Type	
工作温度 Working temp	-10℃-60℃	
输出电压 Output voltage	DC12V, DC24V, +10%可调(Adjustive)	
额定输出功率 Power	75W	120W
外形尺寸 Dimension(W×H×D)(mm)	55.5×125.2×100	65.5×125.2×100

安装尺寸 Installation dimensions



S-15、25 系列 Series



- 低价格,高可靠
 - 105℃输出电容器
 - 全球适用AC输入电源
 - 效率高、工作温度低
 - 软启动电流、有效降低AC输入冲击
 - 有短路保护、过载保护
 - 体积小、重量轻
 - 100%满负荷烧机测试
 - 内装EMI滤波器、波纹极小
- Low price and high reliability
 - 105℃ Output capacitor
 - AC input power suitable for the world
 - High efficiency and low operation temperature
 - Soft-start current can reduce the AC input impact effectly
 - With short-circuit and overload protection
 - Compact size,light weight
 - 100% full-load burn-in test
 - Installed with EMI filter,minimum wave

性能Specification	型号Modle	S-15-12	S-15-24	S-25-12	S-25-24
直流输出电压DC output voltage		12V	24V	12V	24V
输出电压容差 (注 2) Output voltage range(Note:2)		±1%	±1%	±1%	±1%
额定输出电流Rated output current		1.3A	0.7A	2.1A	1.1A
输出电流范围Output current range		0-1.3A	0-0.7A	0-2.1A	0-1.1A
纹波及噪音(注3) Wave and noise(Note:3)		50mVp-p	100mVp-p	100mVp-p	100mVp-p
进线稳定度 (注4) Inlet stability(Note:4)		±0.5%	±0.5%	±0.5%	±0.5%
负载稳定度 (注 5) Load stability(Note:5)		±0.5%	±0.5%	±0.5%	±0.5%
直流输出功率 Dc output power		15.6W	16.8W	25.2W	26.4W
效率 Efficiency		68%	72%	76%	80%
直流电压可调范围Adjustable range for DC voltage		±10%	±10%	±10%	±10%
输入电压范围 AC input voltage range		85-132VAC/170-264VAC 由开关选择 47-63Hz;240-370VDC 85-132VAC/170-264VACselected by switch 47-63Hz;240-370VDC			
输入电流 Input current		0.5A/115V 0.25A/230V		0.6A/115V 0.35A/230V	
冲击电流 AC Inrush current		冷启动15A/115V 30A/230V Cold-star current 15A/115V 30A/230V			
漏电流Leakage current		<0.5mA/240VAC			
过载保护 Overload protection		105%-150%类型: 电流限制 复位: 自动恢复 105%-150% Type:pulsing hiccup shutdown Reset:auto recovery			
过电压保护 Over-voltage protection			115%-135%	
高温保护 High-temperature protection				
温度系数 Temperature coefficient		±0.02%℃(0-50℃)		±0.02%℃(0-50℃)	
启动、上升、保持时间 Setup,rise,hold up time		200ms,100ms,30ms		800ms,50ms,10ms/115V 300ms,50ms,80ms/230VAC	
抗震性Vibration		10-500Hz,2G 10min,/1周,时长60分,各轴 10-500Hz,2G 10min,/1cycle,Period for 60min,Each axes			
耐压性 Withstand voltage		输入输出间: 1.5KvAC输入与外壳: 1.5KvAC输出与外壳: 0.5KvAC Input and output internal:1.5KvAC,input and enclosure:1.5KvAC,Output and enclosure:0.5KvAC			
隔离电阻 Isolation resistance		输入输出间,输入与外壳,输出与外壳:500VDC/100MΩ Input and output internal: Input and enclosure,Output and enclosure:500VDC/100MΩ			
工作温度、湿度 Working temperature and humidity		-10℃~+60℃ (参考输出特性图), 20%-90%RH -10℃~+60℃(Refer to output derating curve),20%-90%RH			
存储温度、湿度 Store temperature and humidity		-20℃~+85℃,10%-95%RH			
外形尺寸 Overall dimension		99×97×35mm			
重量 Weight		0.3Kgs			
安全标准Safety standards		满足UL1012要求(不申请标记) Meet UL1012 requirement(Not apply for the mark)			
EMC标准 EMC standards		满足FCC部分15J条件 等级B Meet FCC part 15 J Conduction class B			
其他 OTHER		输出电压DC5V、7.5V、15V、48V可定制 OUTPUT VOLTAGE: DC5V 7.5CV15V 48V ORDER ACCORDING TO YOUR NEEDS			

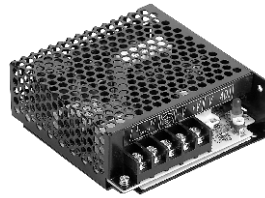
注: 1.以上参数测试条件为: 230VAC输入, 额定负载, 25℃ 70%RH,温度。

- 2.容差: 包括设定容差, 线路稳定度, 负载稳定度(注5)。
- 3.纹波测试: 20MHz用“A12”双绞线, 中断用0.1uF&47uF电容器短路。
- 4.进行电压稳定度测试: 满负载时进线最低电压到最高电压。
- 5.负载稳定度测试: 负载从0%到100%。

Note: 1.The testing condition for the parameter above is:230VAC input, rated load, 25℃ 70% RH.Temperature.

- 2.Error.include the setting error,line stability and load stability.(Note:5).
- 3.Wave test:adopting "A12" double wire for 20MHz,and 0.1UF&47UF capacitor short-circuit for interrupting.
- 4.Inlet voltage stability test:when is over load,the lowest voltage of inlet is up to the highest voltage.
- 5.Load stability test:The load is from 0% to 100%.

S-35、40 系列 Series



- 低价格,高可靠
- 105℃输出电容器
- 全球适用AC输入电源
- 效率高、工作温度低
- 软启动电流、有效降低AC输入冲击
- 有短路保护、过载保护
- 体积小、重量轻
- 100%满负荷烧机测试
- 内装EMI滤波器、波纹极小

- Low price and high reliability
- 105℃ Output capacitor
- AC input power suitable for the world
- High efficiency and low operation temperature
- Soft-star current can reduce the AC input impact effectictly
- With short-circuit and overload protection
- Compact size,light weight
- 100% full-load burn-in test
- Installed with EMI filter,minimum wave

性能Specification	型号Modle	S-35-12	S-35-24	S-40-12	S-40-24
直流输出电压DC output voltage		12V	24V	12V	24V
输出电压容差(注2) Output voltage range(Note:2)		±1%	±1%	±1%	±1%
额定输出电流Rated output current		3A	1.5A	3.5A	1.8A
输出电流范围Output current range		0-3A	0-1.5A	0-3.5A	0-1.8A
纹波及噪音(注3) Wave and noise(Note:3)		100mVp-p	100mVp-p	100mVp-p	100mVp-p
进线稳定度(注4) Inlet stability(Note:4)		±0.5%	±0.5%	±0.5%	±0.5%
负载稳定度(注5) Load stability(Note:5)		±0.5%	±0.5%	±0.5%	±0.5%
直流输出功率 Dc output power		36W	36W	42W	43W
效率 Efficiency		76%	78%	76%	78%
直流电压可调范围Adjustable range for DC voltage		±10%	±10%	±10%	±10%
输入电压范围 AC input voltage range		85-132VAC/170-264VAC由开关选择 47-63Hz;240-370VDC 85-132VAC/170-264VACselected by switch 47-63Hz;240-370VDC			
输入电流 Input current		0.8A/115V 0.45A/230V		1.2A/115V 0.6A/230V	
冲击电流 AC Inrush current		冷启动18A/115V 36A/230V Cold-star current 18A/115V 36A/230V			
漏电流Leakage current		<0.5mA/240VAC		<1mA/240VAC	
过载保护 Overload protection		105%-150%类型: 切断输入 复位: 自动恢复 105%-150% Type:pulsing hiccup shutdown Reset:auto recovery			
过电压保护 Overl-voltage protection			115%-135%	
高温保护 High-temperature protection				
温度系数 Temperature coefficient		±0.03%℃(0-50℃)			
启动、上升、保持时间 Setup,rise,hold up time		200ms,100ms,30ms			
抗震性Vibration		10-500Hz,2G 10min,/1周,时长60分,各轴 10-500Hz,2G 10min,/1cycle,Period for 60min,Each axes			
耐压性 Withstand voltage		输入输出间: 1.5KvAC输入与外壳; 1.5KvAC输出与外壳: 0.5KvAC Input and output internal:1.5KvAC,input and enclosure:1.5KvAC,Output and enclosure:0.5KvAC			
隔离电阻 Isolation resistance		输入输出间,输入与外壳,输出与外壳:500VDC/100MΩ Input and output internal: Input and enclosure,Output and enclosure:500VDC/100MΩ			
工作温度、湿度 Working temperature and humidity		-10℃~+60℃ (参考输出特性图), 20%-90%RH -10℃~+60℃(Refer to output derating curve),20%-90%RH			
存储温度、湿度 Store temperature and humidity		-20℃~+85℃,10%-95%RH			
外形尺寸 Overall dimension		129×98×38mm			
重量 Weight		0.4Kgs			
安全标准Safety standards		满足UL1012要求(不申请标记) Meet UL1012 requirement(Not apply for the mark)			
EMC标准 EMC standards		满足FCC部分15J条件 等级B Meet FCC part 15 J Conduction class B			
其他 OTHER		输出电压DC5V、7.5V、15V、48V可定制 OUTPUT VOLTAGE: DC5V 7.5CV15V 48V ORDER ACCORDING TO YOUR NEEDS			

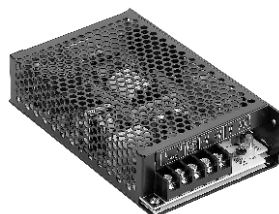
注: 1. 以上参数测试条件为: 230VAC输入, 额定负载, 25℃ 70%Rh, 温度。

2. 容差: 包括设定容差, 线路稳定度, 负载稳定度(注5)。
3. 纹波测试: 20MHz用“A12”双绞线, 中断用0.1uF&47uF电容器短路。
4. 进行电压稳定度测试: 满负载时进线最低电压到最高电压。
5. 负载稳定度测试: 负载从0%到100%。

Note: 1. The testing condition for the parameter above is: 230VAC input, rated load, 25℃ 70% RH. Temperature.

2. Error include the setting error, line stability and load stability.(Note:5).
3. Wave test: adopting "A12" double wire for 20MHz, and 0.1uF&47uF capacitor short-circuit for interrupting.
4. Inlet voltage stability test: when is over load, the lowest voltage of inlet is up to the highest voltage.
5. Load stability test: The load is from 0% to 100%.

S-50、60、75 系列 Series



- 低价格,高可靠
- 105℃输出电容器
- 全球适用AC输入电源
- 效率高、工作温度低
- 软启动电流、有效降低AC输入冲击
- 有短路保护、过载保护
- 体积小、重量轻
- 100%满负荷烧机测试
- 内装EMI滤波器、波纹极小

- Low price and high reliability
- 105℃ Output capacitor
- AC input power suitable for the world
- High efficiency and low operation temperature
- Soft-star current can reduce the AC input impact effectly
- With short-circuit and overload protection
- Compact size,light weight
- 100% full-load burn-in test
- Installed with EMI filter,minimum wave

性能Specification	型号Model	S-50-12	S-50-24	S-60-12	S-60-24	S-75-12	S-75-24
直流输出电压DC output voltage		12V	24V	12V	24V	12V	24V
输出电压容差(注2) Output voltage range(Note:2)		±1%	±1%	±1%	±1%	±1%	±1%
额定输出电流Rated output current		4.2A	2.1A	5A	2.5A	6A	3.2A
输出电流范围Output current range		0-4.2A	0-2.1A	0-5A	0-2.5A	0-6A	0-3.2A
纹波及噪音(注3) Wave and noise(Note:3)		100mVp-p	100mVp-p	120mVp-p	150mVp-p	120mVp-p	120mVp-p
进线稳定度(注4) Inlet stability(Note:4)		±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
负载稳定度(注5) Load stability(Note:5)		±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
直流输出功率 Dc output power		50.4W	50.4W	60W	60W	75W	76.8W
效率 Efficiency		78%	78%	76%	79%	78%	82%
直流电压可调范围 Adjustable range for DC voltage		±10%	±10%	±10%	±10%	±10%	±10%
输入电压范围 AC input voltage range	85-132/170-264VAC由开关选择 47-63Hz;240-370VDC 85-132/170-264VACselected by switch; 240-370VDC	85-264VAC 47-63Hz;120-370VDC					
输入电流 Input current	1.3A/115V 0.65A/230V	2A/115V 1A/230V					
冲击电流 AC Inrush current	冷启动18A/115V 36A/230V Cold-star current 18A/115V 36A/230V	冷启动30A/115V 60A/230V Cold-star current 18A/115V 36A/230V					
漏电流Leakage current		<0.5mA/240VAC					
过载保护 Overload protection	105%-150%类型: 切断输入 复位: 自动恢复	105%-150%Type:pulsing hiccup shutdown Reset:auto recovery					
过电压保护 Over-voltage protection	115%-135%					
高温保护 High-temperature protection						
温度系数 Temperature coefficient		±0.03%℃(0-50℃)					
启动、上升、保持时间 Setup,rise,hold up time	200ms,100ms,30ms	800ms,50ms,10ms/115V 300ms,50ms,80ms/230VAC			200ms,100ms,30ms		
抗震性Vibration	10-500Hz,2G 10min,/1周,时长60分,各轴	10-500Hz,2G 10min,/1cycle,Period for 60min,Each axes					
耐压性 Withstand voltage		输入输出间: 1.5KvAC输入与外壳: 1.5KvAC输出与外壳: 0.5KvAC Input and output internal:1.5KvAC,input and enclosure:1.5KvAC,Output and enclosure:0.5KvAC					
隔离电阻 Isolation resistance		输入输出间,输入与外壳,输出与外壳:500VDC/100MΩ Input and output internal: Input and enclosure,Output and enclosure:500VDC/100MΩ					
工作温度、湿度 Working temperature and humidity	-10℃~+60℃(参考输出特性图), 20%-90%RH	-10℃~+60℃(Refer to output derating curve),20%-90%RH					
存储温度、湿度 Store temperature and humidity		-20℃~+85℃,10%-95%RH					
外形尺寸 Overall dimension	157×97×38mm					159×97×38mm	
重量 Weight		0.5Kgs					
安全标准Safety standards		满足UL1012要求(不申请标记) Meet UL1012 requirement(Not apply for the mark)					
EMC标准 EMC standards		CISPR22(按55022), IEC801-2,3,4, IEC555-2认证 CISPR22(EN 55022), IEC801-2,3,4, IEC555-2Verification					
其他 OTHER		输出电压DC5V、7.5V、15V、48V可定制 OUTPUT VOLTAGE:DC5V 7.5CV15V 48V ORDER ACCORDING TO YOUR NEEDS					

注: 1.以上参数测试条件为: 230VAC输入, 额定负载, 25℃ 70%RH,温度。

2.容差: 包括设定容差, 线路稳定度, 负载稳定度(注5)。

3.纹波测试: 20MHz用“A12”双绞线, 中断用0.1uF&47uF电容器短路。

4.进行电压稳定度测试: 满负载时进线最低电压到最高电压。

5.负载稳定度测试: 负载从0%到100%。

Note: 1.The testing condition for the parameter above is:230VAC input,rated load,25℃ 70% RH.Temperature.

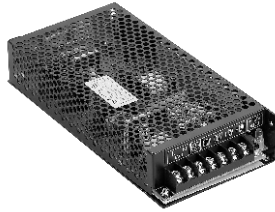
2.Error.include the setting error,line stability and load stability.(Note:5).

3.Wave test:adopting "A12" double wire for 20MHz,and 0.1UF&47UF capacitor short-circuit for interrupting.

4.Inlet voltage stability test:when is over load,the lowest voltage of inlet is up to the highest voltage.

5.Load stability test:The load is from 0% to 100%.

S-100、120 系列 Series



- 低价格,高可靠
- 105℃输出电容器
- 全球适用AC输入电源
- 效率高、工作温度低
- 软启动电流、有效降低AC输入冲击
- 有短路保护、过载保护
- 体积小、重量轻
- 100%满负荷烧机测试
- 内装EMI滤波器、波纹极小

- Low price and high reliability
- 105℃ Output capacitor
- AC input power suitable for the world
- High efficiency and low operation temperature
- Soft-star current can reduce the AC input impact effecticly
- With short-circuit and overload protection
- Compact size,light weight
- 100% full-load burn-in test
- Installed with EMI filter,minimum wave

性能Specification	型号Modle	S-100-12	S-100-24	S-120-12	S-120-24
直流输出电压DC output voltage		12V	24V	12V	24V
输出电压容差(注2) Output voltage range(Note:2)		±1%	±1%	±1%	±1%
额定输出电流Rated output current		8.5A	4.5A	10A	5A
输出电流范围Output current range		0-8.5A	0-4.5A	0-10A	0-5A
纹波及噪音(注3) Wave and noise(Note:3)		100mVp-p	100mVp-p	100mVp-p	100mVp-p
进线稳定度(注4) Inlet stability(Note:4)		±0.3%	±0.2%	±0.3%	±0.2%
负载稳定度(注5) Load stability(Note:5)		±0.3%	±0.2%	±0.3%	±0.2%
直流输出功率 Dc output power		102W	108W	120W	119W
效率 Efficiency		81%	84%	81%	84%
直流电压可调范围Adjustable range for DC voltage		10.8-13.2V	21.6-26.4V	10.8-13.2V	21.6-26.4V
输入电压范围 AC input voltage range	85-132VAC/170-264VAC 由开关选择 47-63Hz;240-370VDC 85-132VAC/170-264VACselected by switch 47-63Hz;240-370VDC				
输入电流 Input current	2.4A/115V 1.2A/230V				
冲击电流 AC Inrush current	冷启动电流30A/115V 60A/230V Cold-star current 30A/115V 60A/230V				
漏电流Leakage current	<1mA/240VAC				
过载保护 Overload protection	105%-150%				
过电压保护 Overl-voltage protection	类型: 切断输出 复位: 自动恢复 Type:pulsing hiccup shutdown Reset:Recycle AC ON/OFF				
高温保护 High-temperature protection				
温度系数 Temperature coefficient	±0.03%/℃(0-50℃)				
启动、上升、保持时间 Setup,rise,hold up time	200ms,100ms,30ms				
抗震性Vibration	10-500Hz,2G 10min,/1周,时长60分,各轴 10-500Hz,2G 10min,/1cycle,Period for 60min,Each axes				
耐压性 Withstand voltage	输入输出间: 1.5KvAC输入与外壳; 1.5KvAC输出与外壳: 0.5KvAC Input and output internal:1.5KvAC,input and enclosure:1.5KvAC,Output and enclosure:0.5KvAC				
隔离电阻 Isolation resistance	输入输出间,输入与外壳,输出与外壳:500VDC/100MΩ Input and output internal: Input and enclosure,Output and enclosure:500VDC/100MΩ				
工作温度、湿度 Working temperature and humidity	-10℃~+60℃ (参考输出特性图), 20%-90%RH -10℃~+60℃(Refer to output derating curve),20%-90%RH				
存储温度、湿度 Store temperature and humidity	-20℃~+85℃,10%-95%RH				
外形尺寸 Overall dimension	199×98×38mm				
重量 Weight	0.65Kgs				
安全标准Safety standards	满足UL1012要求(不申请标记) Meet UL1012 requirement(Not apply for the mark)				
EMC标准 EMC standards	满足FCC部分15J条件 等级B Meet FCC part 15 J Conduction class B				
其他 OTHER	输出电压DC5V、7.5V、15V、48V可定制 OUTPUT VOLTAGE:DC5V 7.5CV15V 48V ORDER ACCORDING TO YOUR NEEDS				

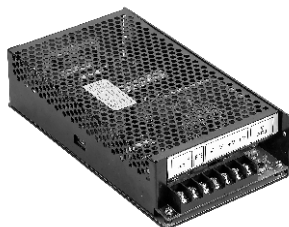
注: 1.以上参数测试条件为: 230VAC输入, 额定负载, 25℃ 70%Rh,温度。

- 2.容差: 包括设定容差, 线路稳定度, 负载稳定度(注5)。
- 3.纹波测试: 20MHz用“A12”双绞线, 中断用0.1uF&47uF电容器短路。
- 4.进行电压稳定度测试: 满负载时进线最低电压到最高电压。
- 5.负载稳定度测试: 负载从0%到100%。

Note:1.The testing condition for the parameter above is:230VAC input,rated load,25℃ 70% RH.Temperature.

- 2.Error.include the setting error,line stability and load stability.(Note:5).
- 3.Wave test:adopting "A12"double wire for 20MHz,and 0.1UF&47UF capacitor short-circuit for interrupting.
- 4.Inlet voltage stability test:when is over load,the lowest voltage of inlet is up to the highest voltage.
- 5.Load stability test:The load is from 0% to 100%.

S-145、150 系列 Series



- 低价格,高可靠
- 105℃输出电容器
- 全球适用AC输入电源
- 效率高、工作温度低
- 软启动电流、有效降低AC输入冲击
- 有短路保护、过载保护
- 体积小、重量轻
- 100%满负荷烧机测试
- 内装EMI滤波器、波纹极小

- Low price and high reliability
- 105℃ Output capacitor
- AC input power suitable for the world
- High efficiency and low operation temperature
- Soft-star current can reduce the AC input impact effectly
- With short-circuit and overload protection
- Compact size,light weight
- 100% full-load burn-in test
- Installed with EMI filter,minimum wave

性能Specification	型号Modle	S-145-12	S-145-24	S-150-12	S-150-24
直流输出电压DC output voltage		12V	24V	12V	24V
输出电压容差 (注 2) Output voltage range(Note:2)		±1%	±1%	±1%	±1%
额定输出电流Rated output current		12A	6A	12.5A	6.5A
输出电流范围Output current range		0-12A	0-6A	0-12.5A	0-6.5A
纹波及噪音(注3) Wave and noise(Note:3)		100mVp-p	100mVp-p	180mVp-p	240mVp-p
进线稳定度 (注4) Inlet stability(Note:4)		±0.3%	±0.2%	±0.3%	±0.2%
负载稳定度 (注 5) Load stability(Note:5)		±0.3%	±0.2%	±0.3%	±0.2%
直流输出功率 Dc output power		144W	144W	150W	156W
效率 Efficiency		80.5%	83.5%	82%	85%
直流电压可调范围Adjustable range for DC voltage		10.8-13.2V	21-28V	10.6-13.2V	21-28V
输入电压范围 AC input voltage range		85-132VAC/170-264VAC 由开关选择 47-63Hz;240-370VDC 85-132VAC/170-264VACselected by switch 47-63Hz;240-370VDC			
输入电流 Input current		3.2A/115V 1.6A/230V			
冲击电流 AC Inrush current		冷启动18A/115V 36A/230V Cold-star current 18A/115V 36A/230V			
漏电流Leakage current		<1mA/240VAC			
过载保护 Overload protection		105%-150%类型: 切断输入 复位: 自动恢复 105%-150% Type:pulsing hiccup shutdown Reset:auto recovery			
过电压保护 Over-voltage protection	 115%-135%			
高温保护 High-temperature protection				
温度系数 Temperature coefficient		±0.03%℃(0-50℃)			
启动、上升、保持时间 Setup,rise,hold up time		100ms,50ms,20ms			
抗震性Vibration		10-500Hz,2G 10min,/1周,时长60分,各轴 10-500Hz,2G 10min,/1cycle,Period for 60min,Each axes			
耐压性 Withstand voltage		输入输出间: 1.5KvAC输入与外壳: 1.5KvAC输出与外壳: 0.5KvAC Input and output internal:1.5KvAC,input and enclosure:1.5KvAC,Output and enclosure:0.5KvAC			
隔离电阻 Isolation resistance		输入输出间,输入与外壳,输出与外壳:500VDC/100MΩ Input and output internal: Input and enclosure,Output and enclosure:500VDC/100MΩ			
工作温度、湿度 Working temperature and humidity		-10℃-+60℃ (参考输出特性图), 20%-90%RH -10℃-+60℃(Refer to output derating curve),20%-90%RH			
存储温度、湿度 Store temperature and humidity		-20℃-+85℃,10%-95%RH			
外形尺寸 Overall dimension		199×98×38mm		199×98×38mm199×110×50mm	
重量 Weight		0.7Kgs			
安全标准Safety standards		满足UL1012要求 (不申请标记) Meet UL1012 requirement(Not apply for the mark)			
EMC标准 EMC standards		满足FCC部分15J条件 等级B Meet FCC part 15 J Conduction class B			
其他 OTHER		输出电压DC5V、7.5V、15V、48V可定制 OUTPUT VOLTAGE:DC5V 7.5CV15V 48V ORDER ACCORDING TO YOUR NEEDS			

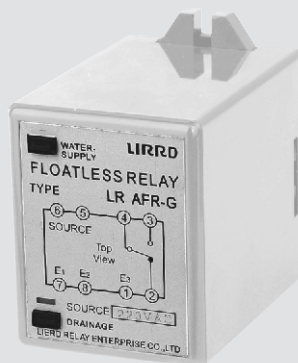
注: 1.以上参数测试条件为: 230VAC输入, 额定负载, 25℃ 70%Rh,温度。
2.容差: 包括设定容差, 线路稳定度, 负载稳定度(注5)。
3.纹波测试: 20MHz用“A12”双绞线, 中断用0.1uF&47uF电容器短路。
4.进行电压稳定度测试: 满负载时进线最低电压到最高电压。
5.负载稳定度测试: 负载从0%到100%。

Note:1.The testing condition for the paramenter above is:230VAC input,rated load,25℃ 70% RH.Temperature.
2.Error.include the setting error,line stability and load stability.(Note:5).
3.Wave test:adopting "A12"double wire for 20MHz,and 0.1UF&47UF capacitor short-circuit for interrupting.
4.Inlet voltage stability test:when is over load,the lowest voltage of inlet is up to the highest voltage.
5.Load stability test:The load is from 0% to 100%.

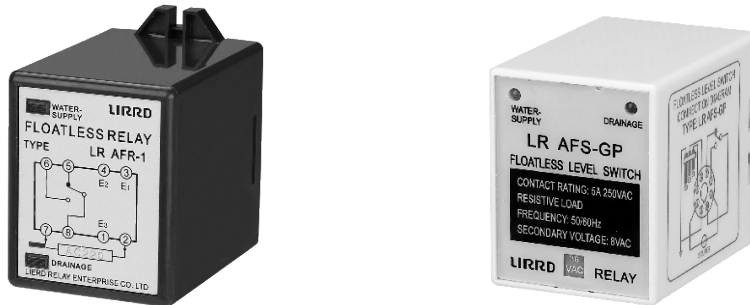
E

液位继电器系列

FLOATLESS RELAY SERIES

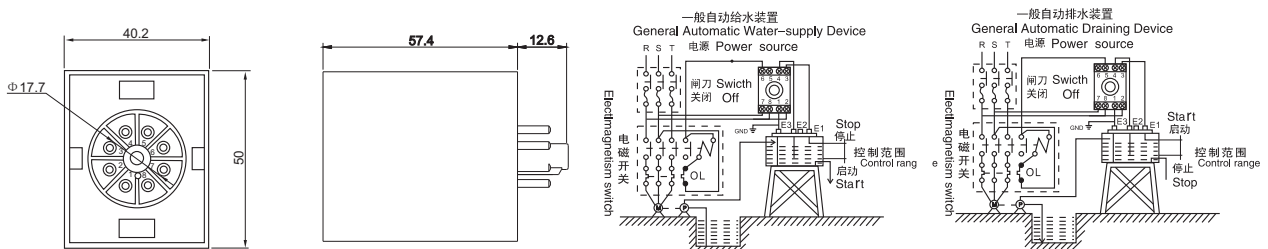


LAF 系列 Series

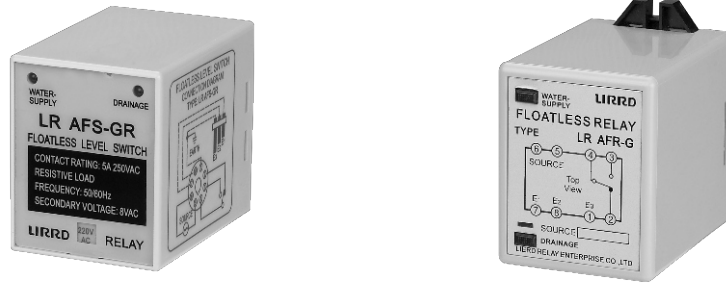


类别 Classification	液面控制器 Floatless Relay		
型号 Model	LAFR-1	LAFS-GP	
外形尺寸 (毫米) Dimension(mm)	61.0H×49.0W×70.0L	50.0H×40.0W×58.0L	
底座型号 Socket Type	PF083A PF085A	PF03A PF085A	
用途型式 Using Mode	一般用 General	AFR-1	AFS-GP
	高灵敏 High Sensing	AFR-1H	--
	长距离 Long Distance	AFR-1L	--
	低感度 Low Density	AFR-1S	--
	二线式 Two Lines	AFR-1R	--
额定电压 Rated Voltage	AC: 110V, 220V, 240V 50/60Hz	AC: 110V, 220V, 240V 50/60Hz	
指示灯动作 Indicator Operating	两只LED灯作状况指示 Two LED'S Use For Two Status	两只LED灯作状况指示 Two LED'S Use For Two Status	
动作电压 Operate Voltage	额定电压值的85~110% 85~110% Of Rated Voltage	额定电压值的85~110% 85~110% Of Rated Voltage	
电极内电压 Electrode Voltage	8VAC (Except Highsensing 24VAC)	8VAC (Except Highsensing 24VAC)	
动作电阻 Operate Resistance	4K Ω min (GENERAL)	4K Ω min (GENERAL)	
释放电阻 Release Resistance	15K Ω min (GENERAL)	15K Ω min (GENERAL)	
反应时间 Response Time	动作:80ms以下, 释放:160ms以下 Operate:80ms max., Release: 160ms max.	动作:80ms以下, 释放:160ms以下 Operate:80ms max., Release: 160ms max.	
接点容量度 Contact Capacity	5A, 250VAC (RESISTIVELOAD)	5A, 250VAC (RESISTIVELOAD)	
电缆长度 Length Of Cable	1KM max. (General)	1KM max. (General)	
寿命 Service life	机械 Mechanical	5×10 ⁶ Times	5×10 ⁶ Times
	电气 Electrical	10 ⁵ Times	10 ⁵ Times
绝缘电阻 Insulation Resistance	100M Ω SDC 500V) Min.	100M Ω DC 500V) Min.	
耐电硬度 Dielectric Strength	1500VAC, 50/60Hz, For 1 Minute	1500VAC, 50/60Hz, For 1 Minute	
消耗功率 Power Consumption	3.2VA	3.2VA	
使用环境温度 Ambient Temperature	-10℃~+55℃	-10℃~+55℃	
使用环境湿度 Ambient Humidity	45~85% RH	45~85% RH	
重量 Weight	200g	200g	

安装尺寸和接线图 Installation dimensions and connecting diagram



LAF 系列 Series



类别 Classification	液面控制器 Floatless Relay	
型号 Model	LAFS-GR	LAFR-G
外形尺寸 (毫米) Dimension(mm)	50.0×40.0×58.0	61.0×49.0×70.0
底座型号 Socket Type	PF085A PF083A	PF085A PF083A
用途型式 Using Mode	一般用 General	--
	高灵敏 High Sensing	--
	长距离 Long Distance	--
	低感度 Low Density	--
	二线式 Two Lines	AFS-GR
额定电压 Rated Voltage	AC: 110V, 220V, 240V 50/60Hz	AC: 110V, 220V, 240V 50/60Hz
指示灯动作 Indicator Operating	两只LED灯作状况指示 Two LED' S Use For Two Status	两只LED灯作状况指示 Two LED'S Use For Two Status
动作电压 Operate Voltage	额定电压值的85~110% 85~110% Of Rated Voltage	额定电压值的85~110% 85~110% Of Rated Voltage
电极内电压 Electrode Voltage	8VAC (Except Highsensing 24VAC)	8VAC (Except Highsensing 24VAC)
动作电阻 Operate Resistance	4K Ω min (GENERAL)	4K Ω min (GENERAL)
释放电阻 Release Resistance	15K Ω min (GENERAL)	15K Ω min (GENERAL)
反应时间 Response Time	动作:80ms以下, 释放:160ms以下 Operate:80ms max., Release: 160ms max.	动作:80ms以下, 释放:160ms以下 Operate:80ms max., Release: 160ms max.
接点容量度 Contact Capacity	5A, 250VAC (RESISTIVELOAD)	5A, 250VAC (RESISTIVELOAD)
电缆长度 Length Of Cable	1KM max. (General)	1KM max. (General)
寿命 Service life	机械 Mechanical	5×10 ⁶ Times
	电气 Electrical	10 ⁵ Times
绝缘电阻 Insulation Resistance	100M Ω (DC 500V) Min.	100M Ω (DC 500V) Min.
耐电硬度 Dielectric Strength	1500VAC, 50/60Hz, For 1 Minute	1500VAC, 50/60Hz, For 1 Minute
消耗功率 Power Consumption	3.2VA	3.2VA
使用环境温度 Ambient Temperature	-10℃~+55℃	-10℃~+55℃
使用环境湿度 Ambient Humidity	45~85% RH	45~85% RH
重量 Weight	150g	150g

安装尺寸和接线图 Installation dimensions and connecting diagram

