

威 佳

威佳电气,
每位工程师的专业选择!

LIF480-20B24-UNT

Product Introduction



使用产品前请仔细阅读本使用说明，并请妥善保管

1 产品概述

Product Description

此款产品是和金升阳联合开发的金属导轨式电源，具有全球通用输入电压范围，高性价比、低功耗、高效率、高可靠度、安全隔离。产品 EMC 性能好，EMC 及安全规格满足国标准。

This product is a metal guide rail power supply jointly developed with MORNSUN, high cost performance, low power consumption, high efficiency, high reliability and safe isolation. The EMC performance of the product is good, and the EMC and Safety specifications meet the national standards.

1.1 产品参数 Product Parameters

输出功率 Output Power		480W
额定输出电压 Rated Output Voltage		24V
额定输出电流 Rated Output Current		20A
输出电压可调范围 Adjustable Range of Output Voltage		24-28V
效率 Efficiency		95%
常温下最大容性负载 Maximum Capacitive Load at Normal Temperature		100000 μ F
隔离电压 Isolation voltage	输入 - 接地	2500VAC
	输入 - 输出	4000VAC
	输出 - 接地	1500VAC
绝缘电阻 Insulation Resistance	输入 - 接地	50M Ω
	输入 - 输出	50M Ω
	输出 - 接地	50M Ω
电压精度 Voltage Accuracy		$\pm 1\%$
电压调整率 Safety Level		$\pm 0.25\%$
负载调整率 Load Adjustment Rate		$\pm 0.5\%$
工作温度 Working Temperature		-40 $^{\circ}$ C ~85 $^{\circ}$ C

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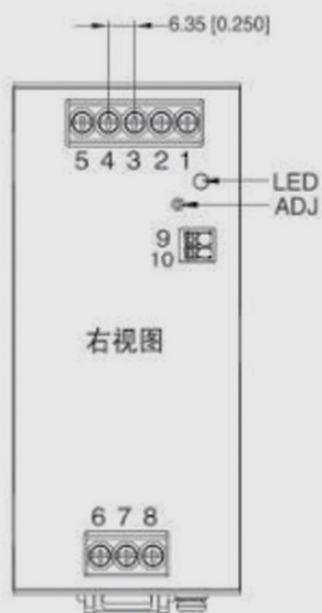
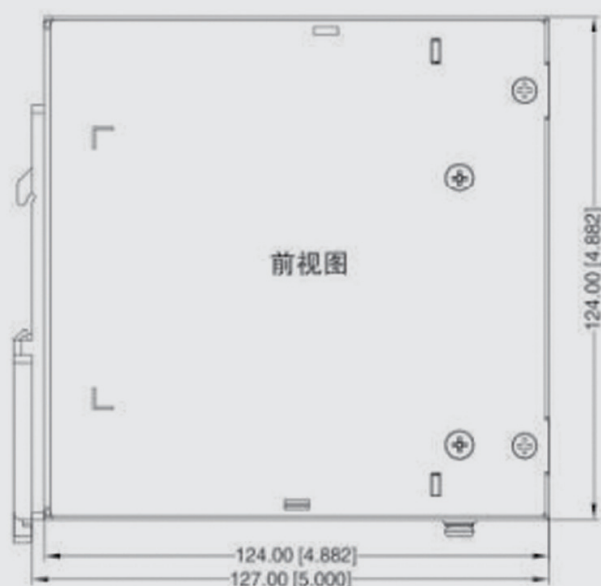
储存温度 Storage Temperature	-40°C ~85°C
工作湿度 Working Humidity	20~90%RH, 无冷凝
储存湿度 Storage Humidity	10~95%RH, 无冷凝
产品尺寸 Product Size	124x55x127mm
外壳材质 Shell Material	金属 Metal
冷却方式 Cooling Mode	自然空冷 Natural Air Cooling
安全标准 Safety Standards	IEC/EN/UL62368/UL61010-1
安全等级 Safety Level	CLASS I

1.2 EMC 特性 EMC Features

EMI	传导骚扰	CISPR32/EN55032	CLASS B
	辐射骚扰	CISPR32/EN55032	CLASS B
EMS	静电放电	IEC/EN61000-4-2	Contact ±8KV/Air ±15KV
	辐射抗扰度	IEC/EN61000-4-3	20V/m
	脉冲群抗扰度	IEC/EN61000-4-4	±4KV
	浪涌抗扰度	IEC/EN61000-4-5	±3KV/±6KV
	传导骚扰抗扰度	IEC/EN61000-4-6	20Vr.m.s
	工频磁场抗扰度	IEC/EN61000-4-8	30A/m
	电压暂降、跌落和短时中断抗扰度	IEC/EN61000-4-11	0%,70%

2 尺寸图

Dimension Drawing



引脚方式	
引脚	功能
1	V0-
2	V0-
3	V0-
4	V0+
5	V0+
6	AC N
7	AC L
8	PE
9	DC OK+
10	DC OK-

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Product Introduction

Vaule Plus,
Professional Choice for Each Engineer!

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