Industrial Power Supply AC/DC 480W Din-rail 24V/20A Output DC OK Function

Our Product Introduction

Basic Information

- Place of Origin: Guangdong, China
- Brand Name: KRONZ
- Certification: CE
- Model Number: PRFT480-48A46S
- Minimum Order Quantity: 10 pieces
- Price: Negotiable
- Packaging Details: Paper box packing
- Delivery Time: 5-8 working days
- Payment Terms: T/T, Western Union, MoneyGram
- Supply Ability: 10000 pieces per month

Product Specification

- Description: 480W Power Supply
- Output Power: 480W
- Nominal Output: 48V/10A
- Output Voltage: 48-55V
- Inrush Current: 400VAC
- Working Temperature: -40 -70
- Storage Temperature: -40 -85
- Highlight: **24V Industrial Power Supply**, **AC DC Industrial Power Supply**, **20A Industrial Power Supply**

More Images

for more products please visit us on connector-industrial.com

Our Product Introduction

for more products please visit us on connector-industrial.com

Product Description

Industrial Power Supply AC/DC 480W Din-rail 24V/20A Output DC OK Function

Product Specifications

Attribute	Value
Description	480W Power Supply
Output Power	480W
Nominal Output	48V/10A
Output Voltage	48-55V
Inrush Current	400VAC
Working Temperature	-40 -70
Storage Temperature	-40 -85

Product Description

The PRFT480-xxA46S series provides customers with three-phase rail-mounted power supplies. This series features high cost performance, efficiency, reliability, and safe isolation. With a 150% power reserve, it supports heavy loads like DC motors or capacitive loads. The product offers excellent EMC performance and complies with UL508, UL/IEC62368, EN62477, and IEC60664 standards.

Key Features

- Input voltage range: 3x320-550VAC/450-800VDC (two-phase operation possible)
- Input withstands 3x600VAC/5s
- Active PFC with PF value up to 0.95
- Operating temperature: -40 to +70 (50 full load)
- DIN rail installation
- High efficiency and reliability
- Output LED indicator
- 150% peak power for 3 seconds
- Comprehensive protection: short circuit, overcurrent, overvoltage, overtemperature
- DC OK function
- Double-sided three-proof paint
- Suitable for 5000m altitude applications

Selection Guide

Model No.	Output Power	Nominal Output	Output Voltage Range	Efficiency	Max. Capacitive Load
PRFT480-48A46S	480W	48V/10A	48-55V	95%	10000μF

Technical Specifications

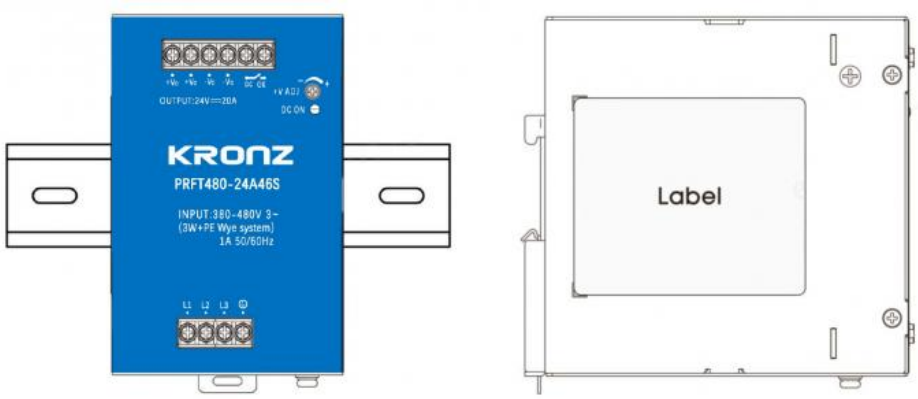
Input Specifications:

Item	Operating Conditions	Min.	Typ.	Max.	Unit
Input Voltage Range	Rated input (certified voltage)	380	--	480	VAC
AC input		320	--	550	
DC input		450	--	800	VDC
Input Voltage Frequency		47	--	63	Hz
Input Current	400VAC	--	--	0.85	A
Inrush Current	400VAC Cold start	--	50	--	

Output Specifications:

Item	Operating Conditions	Min.	Typ.	Max.	Unit
Output Voltage Accuracy	Full load range	--	±1.0	--	%
Line Regulation	Rated load	--	±0.5	--	
Load Regulation	0% - 100% load	--	±1.0	--	
Ripple & Noise	20MHz bandwidth (peak-peak value)	--	--	150	mv

Installation



Frequently Asked Questions

Q: Where is this product manufactured?

A: This product is manufactured in Guangdong, China.

Q: Does this product have any certifications?

A: Yes, this product is CE certified.

Q: What is the minimum order quantity for this product?

A: No MOQ.

Q: How is this product packaged?

A: This product is packaged in polybag packing, export carton.

KRONZ Kronz (guangzhou) Electronics Co., Ltd.

+8618924160375 sales02@kronz.cn connector-industrial.com

Floor 7, Building 12B, Hanhe Robot Intelligent Manufacturing Base Exhibition Center, Xiangshan Avenue, Zengcheng Economic Development Zone, Guangzhou, Guangdong Province, China