



## 48VDC External Power Adapter

Part Number: 1200048



### KEY FEATURES AND BENEFITS

- Supports up to 120W
- Includes Bare Wire leads for direct connection to RocketLinx switches
- 48VDC External Power Supply supports 100V or 230VAC
- Includes US and EU AC power cords

### PRODUCT DESCRIPTION

This 48VDC External Power Supply adapter supports up to 120W meeting the high power demands of the RocketLinx managed PoE Ethernet Switches. It includes bare wire leads for direct connection to the power terminal blocks of the

RocketLinx switches. It is a universal 48v power supply that supports 110V or 230VAC and includes both US and EU AC power cords. Bare Wires (48VDC, 120W, 2-Wire).

# POWER SUPPLY KIT SPECIFICATIONS

## HARDWARE

### Enclosure

UL94V0 Compliant High Impact Plastic Housing

### Installation Method

Panel Mountable

### LED Indicators

Output Voltage Status – Blue LED

### Dimensions

6.8" x 2.9" x 1.5"

17.27 x 7.37 x 3.81 cm

### Product Weight

1.50 lbs

0.68 m

## INPUT SPECIFICATIONS

### Connector Type

IEC320-C14 (Built into housing)

AC Power Inlet with 3 Prongs

### AC Voltage Range

90 – 264VAC – Universal

### Frequency Range

47 – 63Hz

### Power Factor (PF Typ.)

< or = 0.95 / 230VAC @ Full Load

### Efficiency (Typ.)

< or = 85%

EISA Compliant

Energy Star Tier 2 Compliant (North America)

CECP Tier 2 Compliant (China)

MEPS Tier 2 Compliant (Australia)

## OUTPUT SPECIFICATIONS

### Connector Type

Bare Wires

### DC Voltage

48VDC

### Rated Current

2.5A

### Current Range

0 – 2.5A

### Rated Power

120W

### Voltage Tolerance

±1%

### Ripple and Noise (Max.)

±1%

### DC Output Indicator LED

Yes

## PROTECTION SPECIFICATIONS

### Short Circuit/Overload

#### Overload Protection Type

Constant Current Limiting

Recovers automatically after fault condition is removed

#### Over Voltage

#### Over Voltage Protection Type

Shutdown output voltage, re-power on to recover

#### Input Fusing Protection

4

#### Dielectric Withstand Voltage Primary-Secondary

#### Withstand Voltage

4242 VDC

## ENVIRONMENTAL SPECIFICATIONS

### Air Temperature

System On 0 to 40°C

System Off -40 to 80°C

### Operating Humidity (non-condensing)

0% to 95%

### MTBF (Mean Time Between Failures)

22.83 Years

### Waranty

3 Years



### Warranty Information

Comtrol offers a 30-day satisfaction guarantee and 3-year limited warranty.

### Sales Support

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