

24VDC External Power Adapter

Part Number: 1200035



KEY FEATURES AND BENEFITS

- 24-watts Universal AC-DC switching power supply and power cords
- Wide operating temperature ranges (-37°C to 74°C)
- Outputs 24VDC and operates in the range of 90 to 264VAC, 47-63Hz
- Compatible with North American and European standards
- 3-pin Terminal Block output connector

PRODUCT DESCRIPTION

This power supply kit includes a 24-watts Universal AC-DC switching power supply and power cords that are compatible with North American and European standards. The power supply outputs 24VDC and operates in the range of 90 to 264VAC, 47-63Hz. The power supply has a 3-pin Terminal Block output connector built into it. This enables users to provide

power to Control DeviceMaster products without the need of any wiring. In addition, the power supply operates in the extended temperature range of -37°C to 74°C, which enables users to use the power supply in harsh environment.

POWER SUPPLY KIT SPECIFICATIONS

HARDWARE

Enclosure

UL Compliant Plastic Housing

Installation Method

Panel Mountable

LED Indicators

Output Voltage Status – Green LED

Dimensions

4.21" x 2.6" x 1.22"

10.69 x 6.6 x 3.1 cm

Product Weight

8.1 oz

229.63 kg

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

OUTPUT SPECIFICATIONS

Connector Type

Terminal block plug, 3-Pin

DC Voltage

24VDC

Rated Current

1A

Current Range

0-1A

Rated Power

24W

Ripple and Noise (Max.)

±1%

DC Output Indicator LED

Yes

DC Output Cable Length

6' (1.83 m)

PROTECTION SPECIFICATIONS

Short Circuit/Overload

Overload Protection Type

Recovers automatically after fault condition is removed

Over Voltage

Over Voltage Protection Type

Shutdown output voltage

Output auto-recovers after fault condition is removed

Dielectric Withstand Voltage Primary-Secondary

Withstand Voltage

4242 VDC

ENVIRONMENTAL SPECIFICATIONS

Air Temperature

System On -37 to 74°C

System Off -40 to 85°C

Operating Humidity (non-condensing)

10% to 95%

Storage Humidity (Non-condensing)

5% to 95%

MTBF (Mean Time Between Failures)

100,000 Hours

NORTH AMERICAN POWER CORD SPECIFICATION

Type

Detachable North American Power Cord

Length

6' (1.83 m)

Male Connector

IEC320-C14, 3 Prong

Female Connector

IEC320-C13

Color

Black

Standard

RoHS Compliant

EUROPEAN POWER CORD SPECIFICATION

Type

Detachable European AC Power Cord

Length

6' (1.83 m)

Male Connector

CEE 7/7 Plug, 2 Prong

Female Connector

IEC320-C13

Color

Black

Standard

RoHS Compliant

EXPORT INFORMATION

Shipping Weight

1.46 lbs

0.66 kg

Package Dimensions

9" x 12"

22.86 x 30.48 cm

Country of Origin

USA

Waranty

3 Years

REGULATORY STANDARDS

Emissions

European Standard EN55022

CISPR 22 Class B

FCC Part 15

Class B limit

Immunity

European Standard EN55024:

IEC 1000-4-2/EN61000-4-2: Electrostatic Discharge (ESD)

IEC 1000-4-6/EN61000-4-6: Conducted Disturbance

IEC 1000-4-8/EN61000-4-8: Magnetic field

IEC 1000-4-11/EN61000-4-11: Dips and Voltage Variations

UL 61010-1, UL 61010-2-201

CSA C22.2 No. 61010-1-12

CSA C22.2 No. 61010-2-201:14

Safety

UL60950-1

CSA C22.2

EN60950-1

IEC 60950-1

Other

European Standard: RoHS 2 Compliant under CE

REGULATORY APPROVALS



Warranty Information
Control offers a 30-day satisfaction guarantee and 3-year limited warranty.

Sales Support
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Technical Support
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