

5VDC External Power Adapter

Part Number: 1200037



KEY FEATURES AND BENEFITS

- Extended temperature range (-37°C to 74°C)
- 5VDC 15W power supply kit consists of a 5VDC, 15 Watts Universal AC-DC desktop power supply and power cords
- 2.1MM diameter Barrel connector
- Compliant with North American and European power cord standards
- Outputs 5VDC and operates in the input voltage range of 90-264VAC, 47-63Hz

PRODUCT DESCRIPTION

The 5VDC 15W power supply kit consists of a 5VDC, 15 Watts Universal AC-DC desktop power supply and power cords that are compliant with North American and European power cord standards. The power supply outputs 5VDC and operates in the input voltage range of 90-264VAC, 47-63Hz. The power supply has a 2.1MM diameter Barrel connector. It powers Control's DeviceMaster RTS 1-Port, DB9M, 5VDC products.

In addition, it is a ruggedized power supply rated to operate in the extended temperature range of -37°C to 74°C. This 5VDC external power adapter enables users to power products in harsh environments with extreme temperatures. The power supply has a green status LED to display its proper operation.

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
7.6 oz
215.46 g

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
DC Barrel Connector (Female)
5.5 x 2.1mm

DC Voltage
5VDC

Rated Current
3A

Current Range
0 - 3A

Rated Power
15W

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
1.43 lbs
0.65 kg

Package Dimensions
9" x 12"
22.86 x 30.48 cm

Country of Origin
USA

Warranty
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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