COMTROL
Pepperl+Fuchs

24VDC   External Power Adapter

Part Number: 1200036

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 Comtrol 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.

connect. communicate. control.

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

CE   c(UL)us LISTED   ✔RoHS

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