Encoder Power Supply

EPC Power Supply

Ordering Information

(Specify stock # when ordering)

EPS-5V Stock# 100043
EPS-12V Stock# 100044
EPS-24V Stock# 100045

MSRP $87.50

Features

A clean source of dedicated power for your encoder is an important factor when designing a reliable system. Now available from EPC are small, easily mounted Din Rail power supplies specifically chosen to power encoders. Designed for space efficiency, these compact power supplies are available in 5, 12, or 24 VDC.

Easy to see LED indicators show the power supply is working properly. Screw type terminals easily accommodate wires from AWG 24 to 14. The shock proof housing is both UL and CE approved.

These supplies have been tested to work with all our Accu-Coders™. Save yourself time and money, call EPC today and order a power supply that you *know* will work with your encoder!

Specifications

Electrical

Nominal Input Voltage .....100 to 240 Vac / 47 to 63 Hz
Input Voltage Range.....90 to 265 Vac / 47 to 63 Hz or 120 to 370 VDC
Frequency.....100 kHz min
Inrush Surge Current.....< 10 A @ 115Vac, < 18A @ 230 Vac
Input Fuse .....T2A / 250 Vac

	EPS-5V	EPS-12V	EPS-24V
Nominal Output Voltage	5 VDC	12 VDC	24 VDC
Tolerance.....	± 1 %	± 1 %	± 1 %
Nominal Output Current	3 A	1.5 A	0.75 A
Efficiency	> 75%	> 77 %	> 77 %
Ripple and Noise.....	50 mV	50 mV	50 mV

Mechanical

Dimensions.....3.54" L x 0.89" W x 4.5" D
(90 mm L x 22.5 mm W x 115 mm D)
Connection Type.....Screw Clamp Connection

Environmental

Operating Temperature.....-10° C to +50° C
Storage Temperature.....-25° C to +85° C
Relative Humidity..... 95 % RH

Approvals and Standards

UL / cUL.....UL508 / UL 1310 Listed, Class 2
TUV .....EN 60950
CE.... .....EN 50081-1 / EN 55022 Class B
EN 61000-3-2
EN 61000-3-3
EN 50082-1 / EN 55024
FCC..... Class B

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