

EZ Power Supply



Contents

Description	Page
PSG Series	V7-T6-3
PSS Series	V7-T6-8
ELC Series	V7-T6-12
EZ Power Supply	
Product Selection	V7-T6-16
Technical Data and Specifications	V7-T6-16
Dimensions	V7-T6-17
Sensor Power Supply	V7-T6-18

EZ Power Supply

Product Description

Eaton’s EZ power supplies are the perfect products for those applications requiring a low amperage 24 Vdc power source. While these products were developed to be a perfect match for our EZ relay products, they can be used in a variety of applications.

Features, Benefits and Functions

- Universal input voltage: 85–264 Vac
- Compact size, with common depth and height across models allows for common panel depths and family consistency
- EZ styling provides maximum aesthetic appeal when used with the Eaton EZ Relay products
- Wide operating temperature range (–25°C to 55°C)
- Power ON indication LED
- Optional mounting hardware for panel mounting (EZB4-101-GF1) or standard DIN rail mounting
- Finger-safe, side-entry screw clamp terminals for clean wiring

Standards and Certifications

- UL listed
- CSA certified
- CE marked
- RoHS compliant
- Class I, Division II rated for groups A, B, C, D



Product Selection

EZ200-POW

EZ Power Supply



Description	Catalog Number
100–240 Vac input to 12 Vdc at 20 mA/24 Vdc at 250 mA	EZ200-POW
100–240 Vac input to 24 Vdc at 1.25A	EZ400-POW

6

Technical Data and Specifications

EZ Series

Capacity	EZ200-POW 6W	EZ400-POW 30W
Input		
Nominal voltage	100–240 Vac	100–240 Vac
Voltage range	85–264 Vac	85–264 Vac
Frequency	47–63 Hz	47–63 Hz
Output		
Nominal output voltage	24 Vdc ± 3%	24 Vdc ± 3%
Nominal current	0.25A	1.25A
General/Physical Data		
Housing material	Plastic	Plastic
Dimensions (D)	56.5 mm	56.5 mm
Dimensions (W)	35.5 mm	71.5 mm
Dimensions (H)	90 mm	90 mm
Operating temperature	–25°C to +55°C	–25°C to +55°C
Storage temperature	–40°C to +70°C	–40°C to +70°C
Pollution degree	2	2
Connection cables		
Solid	0.2–4.0 mm ² (AWG 22-12)	0.2–4.0 mm ² (AWG 22-12)
Flexible	0.2–2.5 mm ² (AWG 221-12)	0.2–2.5 mm ² (AWG 221-12)
Approvals/Certifications		
	UL, CE, RoHS, CSA, EN 50178m IEC/EN 60947	UL, CE, RoHS, CSA, EN 50178m IEC/EN 60947
Safety and Protection		
Overload/short circuit protection	Yes	Yes
Overcurrent limitation form	0.3A	1.4A
Degree of protection	IP20	IP20
RFI suppression	EN 55011, EN 55022 Class B, IEC 61000-6-1, 2, 3, 4	EN 55011, EN 55022 Class B, IEC 61000-6-1, 2, 3, 4
Potential isolation (prim./sec.)	Yes, SELV, (to EN 600950, VDE 805)	Yes, SELV, (to EN 600950, VDE 805)

Dimensions

Approximate Dimensions in Inches (mm)

EZ200-POW/EZ256-HCI and EZ400-POW Series

