

DIN RAIL POWER SUPPLIES

ELC-PS Series



- Universal AC Input (100 to 240 Vac)
- 24 Vdc Output
- Protections: Short Circuit/ Overload (Auto Recovery)
- Cooling by Free Air Convection
- UL 508 (Industrial Control Equipment) Approved
- CE Marked
- LED Indicator for Power on
- DIN Rail Mount

The ELC-PS Series of DIN rail power supplies provides a reliable DC power source for any industrial control system. These economical and reliable power supplies for industrial devices (PLCs, stepper drives, sensors, switches) are designed for use in harsh industrial environments. Combining rugged, compact enclosures, incorporating all international standards and approvals, and offering short-circuit and over-load protection, the ELC-PS series makes your power supply choice a simple one. These high quality power supplies are UL/CUL listed and CE marked. Two models are available: ELC-PS01 provides 24 Vdc at 1 A, and ELC-PS02 provides 24 Vdc at 2 A.

ELC-PS01 SPECIFICATIONS

Nominal Output Voltage:

24 Vdc ($\pm 3\%$)

Rated Output Current: 1.0 A

Rated Output Power: 24 W

Efficiency (Typical): 78 to 87% @ full load

Input Voltage Range: 100 to 240 Vac (-15 to +10%), 50/60 Hz

Ripple and Noise: <100 mV p-p @ full load

Operating Temperature: 0 to 55°C (32 to 131°F)



ELC-PS01 shown actual size.

Operating Humidity: 50 to 95% RH (non-condensing)

Storage Temperature: -25 to 70°C (-13 to 158°F)

Storage Humidity: 5 to 95% RH (non-condensing)

Safety/Approvals: UL508, 89/336/EEC, 73/23/EEC

Weight (Typical): 158 g (5.6 oz)

Dimensions: 36.5 W x 90 H x 60 mm D (1.437 x 3.54 x 2.36")

ELC-PS02 SPECIFICATIONS

Nominal Output Voltage:

24 Vdc ($\pm 3\%$)

Rated Output Current: 2.0 A

Rated Output Power: 48 W

Efficiency (Typical): 78 to 87% @ full load

Input Voltage Range: 100 to 240 Vac (-15%, +10%), 50/60 Hz

Ripple and Noise: <240 mV p-p @ full load

Operating Temperature: 0 to 55°C (32 to 131°F)

Operating Humidity: 50 to 95% RH (non-condensing)

Storage Temperature: -25 to 70°C (-13 to 158°F)

Storage Humidity: 5 to 95% RH (non-condensing)

Safety/Approvals: UL508, 89/336/EEC, 73/23/EEC

Weight (Typical): 250 g (8.8 oz)

Dimensions: 55 W x 90 H x 60 mm D (2.165 x 3.54 x 2.36")

To Order

MODEL NO.	DESCRIPTION
ELC-PS01	DIN rail power supply, 24 Vdc, 1 A
ELC-PS02	DIN rail power supply, 24 Vdc, 2 A

Accessories

MODEL NO.	DESCRIPTION
XBANS3575P	DIN rail, 35 x 7.5 mm x 2 m (1.4 x 0.30" x 6.6') slotted
XBANS3575U	DIN rail, 35 x 7.5 mm x 2 m (1.4 x 0.30" x 6.6') solid
XBANS3515P	DIN rail, 35 x 15 mm x 2 m (1.4 x 0.30" x 6.6') slotted
XBANS3515U	DIN rail, 35 x 15 mm x 2 m (1.4 x 0.30" x 6.6') solid

Ordering Examples: ELC-PS01, DIN rail power supply, 24 Vdc, 1 A.

ELC-PS02, DIN rail power supply, 24 Vdc, 2 A and XBANS3575P, slotted DIN rail, 35 x 7.5 mm x 2 m (1.4 x 0.30" x 6.6').