

MPN: ELECTRA-PWR-480-24V

## DC Single Output Industrial DIN Rail Power Supply Units - 24V

Compact Size with more Practicability and Convenience

Ernitec has released a series of DC single output industrial DIN rail power supply units to make sure that industrial Ethernet devices, specially designed for the harsh working environment, get DC voltage power easily.

Ernitec DC single output industrial DIN rail power supply units accept universal 100-240V AC input voltage and provide 24V DC power output with various watt values.

Its power supply units are designed in compact size and can be installed on DIN rail TS-35 / 7.5 or 15. It is an ideal and convenient DC power feeding solution for Industrial equipment under heavy Industrial environments.

Stable Performance under Difficult Environments

Ernitec DC single output industrial DIN rail power supply units come with such protection features as short circuit, overload, over voltage and over temperature for the stable operation of industrial Ethernet equipment.

It uses the free air convection cooling system to prevent operating temperature from rising. Being able to operate under the temperature range from -20 to 70 degrees C (maximum), the DC single output industrial DIN rail power supply units can be placed in almost any difficult environments.

- Universal AC input full operation
- Built-in active PFC function
- Protection features: short circuit, overload, over voltage and over temperature
- Cooling by free air convection
- DIN rail TS-35/7.5 or 15 installation
- UL 508 (industrial control equipment) approved
- EN61000-6-2 (EN50082-2) industrial immunity leve
- 100% full load burn-in tes



## Specifications

|                        |                                   |             |
|------------------------|-----------------------------------|-------------|
| Design                 | Cooling type                      | Passive     |
|                        | On/off switch                     | No          |
|                        | Product colour                    | Blue, Grey  |
| Operational conditions | Operating relative humidity (H-H) | 20 - 95 %   |
|                        | Operating temperature (T-T)       | -20 - 70 °C |
|                        | Storage relative humidity (H-H)   | 10 - 95 %   |
|                        | Storage temperature (T-T)         | -40 - 85 °C |

|                    |                                    |                                                             |
|--------------------|------------------------------------|-------------------------------------------------------------|
| Other features     | Output power description           | 480W                                                        |
|                    |                                    |                                                             |
| Performance        | Safety                             | UI508, TUV EN60950-1                                        |
|                    |                                    |                                                             |
| Power              | AC input frequency                 | 50 - 60 Hz                                                  |
|                    | AC input voltage                   | 100-240 V                                                   |
|                    | Input current                      | 4.8 A                                                       |
|                    | Power Factor Correction (PFC) type | Active                                                      |
|                    | Power protection features          | Over voltage, Overheating, Overload, Short circuit          |
|                    | Total power                        | 480 W                                                       |
|                    |                                    |                                                             |
| Vendor information | Brand Name                         | Ernitec                                                     |
|                    | Homepage                           | <a href="http://www.ernitec.com">http://www.ernitec.com</a> |
|                    | Warranty                           | 3 Year(s)                                                   |