



## RP-IDR240-48

### 48V / 240W Single Output Industrial DIN Rail Power Supply

RP-IDR240-48 is one economical slim 240W Din rail power supply, adapt to be installed on TS-35/7.5 or TS-35/15 mounting rails. The body is designed 63mm in width, which allows space saving inside the cabinets. The entire series adopts the full range AC input from 90VAC to 264VAC and conforms to EN61000-3-2, the norm the European Union regulates for harmonic current.

RP-IDR240-48 is designed with metal housing that enhances the unit's power dissipation. With working efficiency up to 90%, the machine can operate at the ambient temperature between  $-20^{\circ}\text{C}$  and  $70^{\circ}\text{C}$  under air convection. It is equipped with constant current mode for over-load protection, fitting various inductive or capacitive applications. The complete protection functions and relevant certificates for industrial control apparatus make RP-IDR240-48 a very competitive power supply solution for industrial applications.

## Feature

- Economical and reliable DC power source for industrial devices
- $-20$  to  $70^{\circ}\text{C}$  operating temperature range
- Design for use in harsh industrial environment
- Universal AC input / Full range
- Built-in active PFC function
- Protections: Short circuit / overload / over voltage / over temperature
- Cooling by free air convection
- Can be installed on DIN rail TS-35/7.5 or 15
- 100% full load burn-in test

## Specification

|                                |  |
|--------------------------------|--|
| <b>Input</b>                   | <ul style="list-style-type: none"><li>• 90 ~ 264 VAC, 47 ~ 63 Hz, 1.8A, 127-370VDC</li></ul>   |
| <b>Output</b>                  | <ul style="list-style-type: none"><li>• 48 VDC, 0~5A, 240W</li></ul>   |
| <b>Over-voltage Protection</b> | <ul style="list-style-type: none"><li>• 56 ~ 65V</li><li>• Type: Shut down o/p voltage, re-power on to recover</li></ul>   |
| <b>Overload Protection</b>     | <ul style="list-style-type: none"><li>• 105-130% rated output power</li><li>• Type: Constant current limiting, recovers automatically after fault condition is removed</li></ul>   |
| <b>Environmental</b>           | <ul style="list-style-type: none"><li>• Operating Temperature: -20 ~ +70°C</li><li>• Operating Humidity: 20 ~ 90% RH non-condensing</li><li>• Storage Temperature: -40 ~ +85°C</li><li>• Storage Humidity: 10 ~ 95% RH</li></ul> |
| <b>Dimensions</b>              | <ul style="list-style-type: none"><li>• W63 x H125.2 x D113.5 mm</li></ul>   |
| <b>Safety Standards</b>        | <ul style="list-style-type: none"><li>• UI508, TUV EN60950-1 approved (meeting EN60204-1)</li></ul>  |

## Ordering Information

**RP-IDR240-48** 48V / 240W Single Output Industrial DIN Rail Power Supply