

## RP-IDR60-24

### 24V / 60W Single Output Industrial DIN Rail Power Supply

RP-IDR60-24 DC Single Output Industrial DIN Rail Power Supply provides a reliable DC power source for industrial control system. It operates reliably in heavy industrial demanding environments the range from -20°C to 70°C. Compact enclosures with DIN rail mounting for efficient use of cabinet space meets industrial standards and approvals, thus, it can be placed in almost any difficult environments.

RP-IDR60-24 offers short circuit, over load, over voltage, and over temperature protection. They have passed a 100% full load burn-in test, and are UL/CUL listed, TÜV/CB certified, and CE marked. RP-IDR60-24 is available with output rating 60W, with 24 VDC output. User can choose from a full range of input voltages (85 to 264 VAC) making it unbeatable.



## Features

- Economical and reliable DC power source for industrial devices
- -20 to 70°C operating temperature range
- Design for use in harsh industrial environment
- Universal AC input/Full range
- Protections: Short circuit/Overload/Over voltage
- Cooling by free air convection
- Can be installed on DIN rail TS-35/7.5 or 15
- LED indicator for power on
- DC OK relay contact
- No load power consumption < 0.75W

## Specifications

|                                |   |
|--------------------------------|---|
| <b>Input</b>                   | <ul style="list-style-type: none"> <li>• 85 ~ 264 VAC, 47 ~ 63 Hz, 1.8A, 120-370VDC</li> </ul>  |
| <b>Output</b>                  | <ul style="list-style-type: none"> <li>• 24 VDC, 0~2.5A, 60W</li> <li>• Voltage adjustable range: 24-30V</li> </ul>   |
| <b>Over-voltage Protection</b> | <ul style="list-style-type: none"> <li>• 31.2-36 V</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>• 105-160% rated output power</li> <li>• Type: Constant current limiting, recovers automatically after fault condition is removed</li> </ul>   |
| <b>DC OK Relay Contact</b>     | <ul style="list-style-type: none"> <li>• Contact Close<br/>When the output voltage reaches the adjusted output voltage.</li> <li>• Contact Open<br/>When the output voltage drop below 90% output voltage.</li> <li>• Contact Ratings (max.)<br/>30V/1A resistive load</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>• W40 x H90 x D100 mm</li> </ul>   |
| <b>Weight</b>                  | <ul style="list-style-type: none"> <li>• 330 g</li> </ul>   |
| <b>Safety Standards</b>        | <ul style="list-style-type: none"> <li>• TÜV EN60950-1, UL508 Approved</li> </ul>   |
| <b>EMC Standards</b>           | <ul style="list-style-type: none"> <li>• CISPR22 (EN55022) Class B, EN61000-4-2/3/4/5/6/8/11, ENV50204, EN61000-3-2, EN50082-2</li> </ul>   |

## Ordering Information

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