



## RP-IDR10-24

### 24V / 10W Single Output Industrial DIN Rail Power Supply

RP-IDR10-24 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-IDR10-24 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-IDR10-24 is available with output rating 10W, 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
- Built in DC OK active signal
- No load power consumption < 0.75W

## Specifications

<b>Input</b>	<ul style="list-style-type: none"><li>• 85 ~ 264 VAC, 47 ~ 63 Hz, 0.33A, 120-370VDC</li></ul>
<b>Output</b>	<ul style="list-style-type: none"><li>• 24 VDC, 0 ~ 0.42A, 10W</li></ul>
<b>Over-voltage Protection</b>	<ul style="list-style-type: none"><li>• 27.6 ~ 32.4V</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 Active Signal (max.)</b>	<ul style="list-style-type: none"><li>• 18 ~ 27 V/20 mA</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>• W22.5 x H90 x D100 mm</li></ul>
<b>Weight</b>	<ul style="list-style-type: none"><li>• 170 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>• EN55011, EN55032 (CISPR32), EN61204-3 Class B, EN61000-3-2,-3</li><li>• EN61000-4-2, 3, 4, 5, 6, 8, 11, EN55024, EN61000-6-1, EN61204-3, light industry level, criteria A</li></ul>

## Ordering Information

**RP-IDC10-24**    24V / 10W Single Output Industrial DIN Rail Power Supply