

RP-IDR20-24

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

RP-IDR20-24 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-IDR20-24 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-IDR20-24 is available with output rating 24W, 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

Input	<ul style="list-style-type: none">• 85 ~ 264 VAC, 47 ~ 63 Hz, 0.55A, 120-370VDC
Output	<ul style="list-style-type: none">• 24 VDC, 0~1A, 24W• Voltage adjustable range: 21.6~26.4V
Over-voltage Protection	<ul style="list-style-type: none">• 27.6~32.4 V• Type: Shut down o/p voltage, re-power on to recover
Overload Protection	<ul style="list-style-type: none">• 105-160% rated output power• Type: Constant current limiting, recovers automatically after fault condition is removed
DC OK Active Signal (max.)	<ul style="list-style-type: none">• 18 ~ 27 V/20 mA
Environmental	<ul style="list-style-type: none">• Operating Temperature: -20 ~ +70°C• Operating Humidity: 20 ~ 90% RH non-condensing• Storage Temperature: -40 ~ +85°C• Storage Humidity: 10 ~ 95% RH
Dimensions	<ul style="list-style-type: none">• W22.5 x H90 x D100 mm
Weight	<ul style="list-style-type: none">• 190 g
Safety Standards	<ul style="list-style-type: none">• TÜV EN60950-1, UL508 Approved
EMC Standards	<ul style="list-style-type: none">• EN55011, EN55032 (CISPR32), EN61204-3 Class B, EN61000-3-2,-3• EN61000-4-2, 3, 4, 5, 6, 8, 11, EN55024, EN61000-6-1, EN61204-3, light industry level, criteria A

Ordering Information

RP-IDC20-24 24V / 24W Single Output Industrial DIN Rail Power Supply