

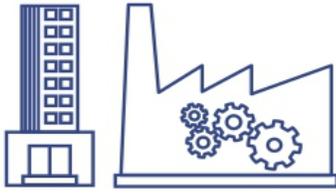


## 120W, 24V, 5A AC to DC DIN-Rail Power Supply with PFC Function

TI-S12024 (v1.0R)

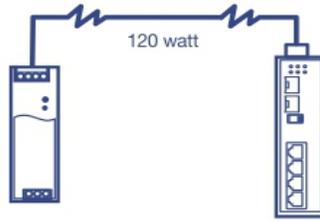
- Industrial power supply with integrated DIN-rail mount
- Provides up to 120W of power (24V DC, 5A)
- High efficiency 91% and low power dissipation
- 150% peak load capability
- Built-in active Power Factor Controller (PF > 0.93)
- Cooling by free air convection
- Protections: Short circuit, overload, over voltage, over temperature
- UL 508 approved
- Built-in DC OK relay contact
- 100% full load burn-in test
- -25° – 70° C (-13° – 158° F) operating temperature range

TRENDnet's AC to DC Industrial DIN-Rail Power Supply, model TI-S12024, supplies up to 120W (24V DC, 5A) of power to industrial equipment such as PoE switches, network cameras, and WiFi access points. This DIN-Rail power supply comes with active PFC, an integrated DIN-rail mount, and overload current protection.



## Industrial Applications

Power network devices for manufacturing, general industrial, warehousing, surveillance, and corporate applications.



## 120W Power

Provides up to 120W (24V DC, 5A) of power for PoE devices such as switches, network cameras, and access points.



## Operating Temperature

Designed for industrial environments with an operating temperature range of -25° – 70° C (-13° – 158° F).



### 120W Power

Provides up to 120W (24V DC, 5A) of power for PoE devices such as switches, network cameras, and access points



### Active PFC

Built-in active Power Factor Controller (PFC, PF > 0.93) helps eliminate unusable reactive power



### Protection

Overload, short circuit, over voltage, over temperature



### Full Load Test

This power supply undergoes a 100% full load burn-in test



### Passive Cooling

Cooling by free air convection



### DIN-Rail Mount

Metal enclosure with integrated DIN-rail mount



### Operating Temperature

Designed for industrial environments with an operating temperature range of -25° – 70° C (-13° – 158° F)



### Safety Certifications

Certified for UL 508 and TUV EN60950-1



### Electro Magnetic Emission/Immunity

Compliance to EN55011, EN55022 (CISPR22), EN61204-3 Class B, EN61000-3-2/3, EN61000-4-2, 3, 4, 5, 6, 8, 11, EN55024, EN61000-6-2, EN61204-3, heavy industry level, criteria A, SEMI F47, and GL approved



### Vibration Resistant

Rated for vibration (IEC 60068-2-6)



### LED Indicator

LED indicator confirms power to the unit

## Specifications

<b>Interface</b>	<ul style="list-style-type: none"> <li>• Input: 88 – 264V AC, 57 – 63Hz, 1.8A</li> <li>• Output: 120W, 24V, 5A</li> <li>• DIN-rail: TS-35/7.5 or 15</li> </ul>
<b>Housing</b>	<ul style="list-style-type: none"> <li>• DIN-rail mount</li> <li>• Power LED indicator</li> </ul>
<b>Special Features</b>	<ul style="list-style-type: none"> <li>• DC OK relay contact</li> <li>• 150% peak load capacity</li> <li>• Short circuit/overload/over voltage/over temperature protection</li> <li>• Protection type: shutdown and repower</li> </ul>
<b>Operating Temperature</b>	<ul style="list-style-type: none"> <li>• -25° – 70° C (-13° – 158° F)</li> </ul>
<b>Operating Humidity</b>	<ul style="list-style-type: none"> <li>• Max. 95% non-condensing</li> </ul>

<b>MTBF</b>	• 2,899,000 hours
<b>Dimensions</b>	• 40 x 125 x 114mm (1.6 x 4.9 x 4.5 in.)
<b>Weight</b>	• 670g (23.6 oz.)
<b>Certifications (Mean Well)</b>	<ul style="list-style-type: none"> <li>• CE</li> <li>• UL 508CB 60950-1</li> <li>• TUV EN60950-1</li> </ul>
<b>Warranty</b>	• 1 year

### PACKAGE CONTENTS

• TI-S12024 (Mean Well SDR-120-24)

All references to speed are for comparison purposes only. Product specifications, size, and shape are subject to change without notice, and actual product appearance may differ from that depicted herein.