



Electric Automation
Automation specialists

Reference: SPD241201

Selected parameters MODEL Din Rail AC INPUT VOLTAGE 93 - 264V OUTPUT POWER 120W PARALLEL CONNECTION no INPUT TYPE Single phase or DC OUTPUT VOLTAGE 24Vdc PFC no DC INPUT VOLTAGE 210 - 370V TERMINAL TYPE Screw terminal OUTPUT RDY Relay SPST Others DESCRIPTION 120W, Screw terminals, RDY out



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Switching Power Supply

Type SPD 120W DIN railmounting

- Installation on DIN Rail 7.5or 15mm
- Short circuit protection
- PFC available
- High efficiency
- Power ready output
- LED indicator for DC power ON
- LED indicator for DC low
- Parallel versions available
- Compact dimensions
- UL, cUL listed and TUV/CE approved

Product Description

Ordering Key

SP D 24120 1 BFP

The Switching power supplies SPD series are specially designed to be used in all automation

application where the installation is on a DIN rail and compact dimensions and performance are a must.

Model

Mounting (D= Din rail) Output voltage

Output power Input Type Optional features

Input type: 1= single phase

Approvals Optional Features

Description Code

Rheinland

Product Safety

Plug-in connectors Bxx

With P.F.C.xFx

With Parallel functionxxP

Output Performances

MODEL NO.INPUT VOLTAGE

OUTPUT WATTAGE

OUTPUT VOLTAGE

Single Output Models

OUTPUT CURRENT

EFF. (min.)

EFF. (typ.)

SPD121Ø 90~264 VAC120 WATTS +12 VDC10 A85%87%

SPD241Ø 90~264 VAC120 WATTS +24 VDC 5 A 87%94%

Output Data

Line regulation± 1% Load regulation ±1% Minimum load 0A Turn on time (full resistive load)

VI nom, Io nom1000ms

VI nom, Io nom 12V model

with 3500 µF CAP1500ms

VI nom, Io nom 24V

models with 7000 µF CAP1500ms Transient recovery time2ms Ripple and noise

100mVpp Output voltage accuracy±1%

Temperature coefficient ±0.03%/°C Hold up time Vi 20ms Voltage fall time (I nom Vi nom) 150ms max

Voltage fall time (I nom Vi nom) 150ms max

Rated continuous loading

12V Model 10A@ 12VDC/8.2A @ 14.5VDC

24V Model 5A @ 24VDC/4.2A @ 28.5VDC

Reverse voltage

12V Model VDC 18

24V Model VDC 35

Capacitor load

Vi nom Io nom 12V model7000µF Vi nom Io nom 24V model3500µF Voltage rise time

Vi nom Io nom 500ms

Vi nom, Io nom 12V

model with 7000µF CAP 500ms

24V model with 3500µF CAP500ms

1 Specifications are subject to change without notice. Pictures are just an example.

For special features and/or customization, please ask to our sales network. 20/03/14