



Electric Automation
Automation specialists

Référence: SPD121201BN

Paramètres sélectionnés MODELE rail DIN TENSION D'ENTREE VCA 90 - 264V PUISSANCE DE SORTIE 120W CONNEXION PARALLELE oui TYPE D'ENTREE Monophasé ou VCC TENSION DE SORTIE 12Vcc PFC oui TENSION D'ENTREE VCC 210 - 370V TYPE DE BORNE Connecteur débrochable CONTACT D'ETAT DE SORTIE non Autres DESCRIPTION 120W, Bornier débrochable, PFC, Fonction parallèle



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Switching Power Supply

Type SPD 120W

DIN rail mounting

- Installation on DIN Rail 7.5 or 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 24 120 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 function xxP

Output Performances

MODEL NO. INPUT VOLTAGE

OUTPUT WATTAGE

OUTPUT VOLTAGE

OUTPUT CURRENT

EFF. (min.)

EFF. (typ.)

Single Output Models

SPD12 1Ø 90~264 VAC 120 WATTS + 12 VDC 10 A 85% 87%

SPD24 1Ø 90~264 VAC 120 WATTS + 24 VDC 5 A 87% 94%

Output Data

Line regulation $\pm 1\%$ Load regulation $\pm 1\%$ Minimum load 0

Turn on time (full resistive load)

Vi nom, Io nom 1000ms

Vi nom, Io nom

12v model with 3500µF CAP 1500ms

Vi nom, Io nom

24v model with 7000µF CAP 1500ms

Transient recovery time 2ms Ripple and noise 100mVpp Output voltage accuracy \pm

1% Temperature coefficient $\pm 0.03\%/^{\circ}\text{C}$ Hold up time Vi 20ms

Voltage fall time (Io 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 18VDC

24V Model 35VDC

Capacitor load

Vi nom Io nom 12V model 7000µF

Vi nom Io nom 24V model 3500µF

Voltage rise time

Vi nom Io nom 500ms

Vi nom, Io nom

12v model with 7000µF CAP 500ms

Vi nom, Io nom

24v model with 3500µF CAP 500ms

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. 09/09/13