

Switching Power Supply Type SPD 5W DIN rail mounting

CARLO GAVAZZI



- Universal AC input full range
- Installation on DIN rail 7.5 or 15mm
- Short circuit protection
- Overload protection
- High efficiency
- LED indicator for DC power ON
- LED indication for DC low
- Internal input filter
- CE, TUV approved and cULus Listed

Product Description

The Switching power supplies and compact dimensions and performance are a must. designed to be used in all automation application where the installation is on a DIN rail

Ordering Key

SP D 12 05 1 B

Model _____
 Mounting (D = Din rail) _____
 Output voltage _____
 Output power _____
 Input Type _____
 Optional features _____

Input type: 1= single phase

Approvals



Optional Features

Description	Code
Spring connectors	B

Output Performances

MODEL NO.	INPUT VOLTAGE	OUTPUT WATTAGE	OUTPUT VOLTAGE	OUTPUT CURRENT	EFF. (min.)	EFF. (typ.)	EFF. (avg.)
Single Output Models							
SPD05	90~264 VAC	5 WATTS	+ 5 VDC	1000 mA	67%	83%	69%
SPD12	90~264 VAC	5 WATTS	+12 VDC	420 mA	70%	86%	72%
SPD15	90~264 VAC	5 WATTS	+15 VDC	340 mA	70%	87%	72%
SPD24	90~264 VAC	5 WATTS	+24 VDC	210 mA	70%	87%	72%

Output Data

Line regulation	± 1%	Rated continuous loading	5V Model	1.0A @ 5VDC/0.85A @ 5.75VDC
Load regulation	± 2%		12V Model	0.42A @ 12VDC/0.36A @ 13.8VDC
Minimum load	0		15V Model	0.34A @ 15VDC/0.28A @ 17.25VDC
Turn on time (full resistive load)	1000ms max		24V Model	0.21A @ 24VDC/0.17A @ 28.8VDC
Transient recovery time	2ms	Reverse voltage	5V Model	VDC 7.5
Ripple and noise	50mVpp		12V Model	VDC 18
Output voltage accuracy	± 1%		15V Model	VDC 22
Temperature coefficient	± 0.03%/°C		24V Model	VDC 35
Hold up time	Vi= 115VAC 30ms Vi= 230VAC 130ms	Capacitor load	7000µF	
Voltage fall time (I _{0nom})	150ms max	Voltage rise time at full resistive load	150ms max	