

SDP™ Low Power DIN Rail Series

The compact, lightweight DIN Rail power supplies come in output voltages from 5 to 48 Vdc and power ratings of up to 100 Watts. These extra small, efficient units are designed specifically for the industrial environment. Each unit is rated from -10°C to 70°C, with no derating necessary until above 60°C.

Many extra “industrial” features are standard for the SDP PowerBoost™ overload circuitry can start up industrial loads (i.e. motors, relays, solenoids and DC-DC converters), that can cause ordinary power supplies to foldback or shutdown. Each unit contains a DC indicator and front panel adjustment potentiometer. With the Sola SDP series, you can count on a high grade design.



UL US
UL 508 Listed
IND. CONT.
EQ.E61379

C **RA** US
UL 60950
E137632
CUL/CSA-C22.2
No. 234-M90

CE
EMC and
Low Volt.
Directive

Features

- Ultra slim 15W footprint
- No tools required for mounting
- Adjustable output
- PowerBoost™ industrial overload design
- Overvoltage, short circuit protection
- NEC Class 2 Current Limited
- Continuous short circuit protection
- Low output noise
- Screw terminal connections
- RoHS Compliant
- Three year warranty

Related Products

- SDN™ Series
- SCP Series
- SCL Series

Applications

- Industrial Control
- Process Control
- Machine Control
- Building Automation
- Instrumentation

Selection Table

Catalog Number	DC Output Voltage	Output Current	Ripple / Noise	Size (H x W x D)
SDP 5-5-100T	5 - 6 V	5 A	<50 mVpp	2.95 in x 1.77 in x 3.58 in (75 mm x 45 mm x 91 mm)
SDP 2-12-100T	10 - 12 V	3 - 2.5 A		
SDP 3-15-100T	12 - 15 V	4.2 - 3.4 A		
SDP 1-48-100T	48 - 56 V	1 A		2.95 in x 0.9 in x 3.8 in (75 mm x 22.8 mm x 96.7 mm)
SDP 06-24-100T	24-28 Vdc	0.6 A		
SDP 1-24-100T		1.3 A		
SDP 2-24-100T		2.1 A		
SDP 4-24-100LT		3.8 A		
SDP 4-24-100RT*		4.2 A		

* NEC Class 1

Visit our website at www.solahd.com or
contact Technical Services at (800) 377-4384 with any questions.