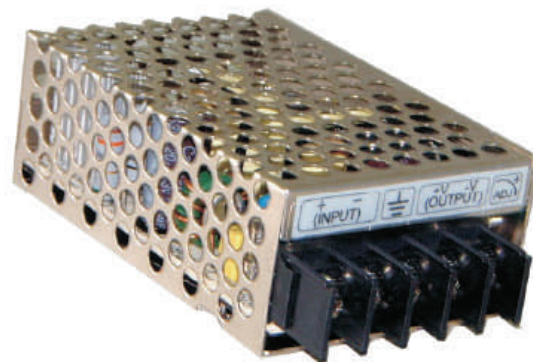


SD-15 Series

15W Single Output DC-DC Converter



FEATURES

- 2:1 wide input range
- Short circuit / overload / over voltage protections
- Built in EMI filter, low ripple & noise
- 100% full load burn-in test
- Low cost
- High reliability

ENVIRONMENTAL

Operating Temp: -10 to +60°C
With de-rating

Storage Temp: -20 to +85°C

SAFETY / EMC

EN55022 Class B
EN61000-4-2, 3, 4, 6, 8
ENV50204 / EN55024 / light industry level / criteria A

ELECTRICAL SPECIFICATIONS

Model No.	SD-15A-05	SD-15B-05	SD-15C-05	SD-15A-12	SD-15B-12	SD-15C-12	SD-15A-24	SD-15B-24	SD-15C-24
Input Voltage Range	A: 9.2 ~ 18VDC / B: 19 ~ 36VDC / C: 36 ~ 72VDC								
Input Current	1.9A at 12VDC / 0.9A at 24VDC / 0.45A at 48VDC								
DC Output									
Voltage	5V			12V			24V		
Current	0 ~ 3A			0 ~ 1.25A			0 ~ 0.625A		
Rated Power	15W			15W			15W		
Ripple & noise (p-p)	100mV			120mV			150mV		
Voltage Tolerance	±2.0%			±1.0%			±1.0%		
Line Regulation	±0.5%			±0.3%			±0.2%		
Load Regulation	±0.5%			±0.3%			±0.2%		
Overload	105~160% rated output power. Hiccup mode. Recovers automatically when condition removed.								
Over Voltage	5.75 ~ 6.75V			13.8 ~ 16.2V			27.6 ~ 32.4V		
Dimensions	79(L) x 51(W) x 28(H)mm								
Weight	0.18Kg								

Specifications subject to change without notice

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