

ARTISAN®
TECHNOLOGY GROUP

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Artisan Technology Group
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30W Single Output Enclosed DC-DC Converter

Classifications

CE

Image



Key Features

- 24V DC Input
- Soft start, low Inrush current
- Input & output isolation
- Input polarity reverse protection
- Input under / over voltage protection
- Over load, over voltage & short circuit protection
- Output voltage ±10% adjustment
- 100% 50°C burn-in test
- Meet UL, cUL, TUV, CB, CE standard

Dimensions

99 x 82 x 35mm

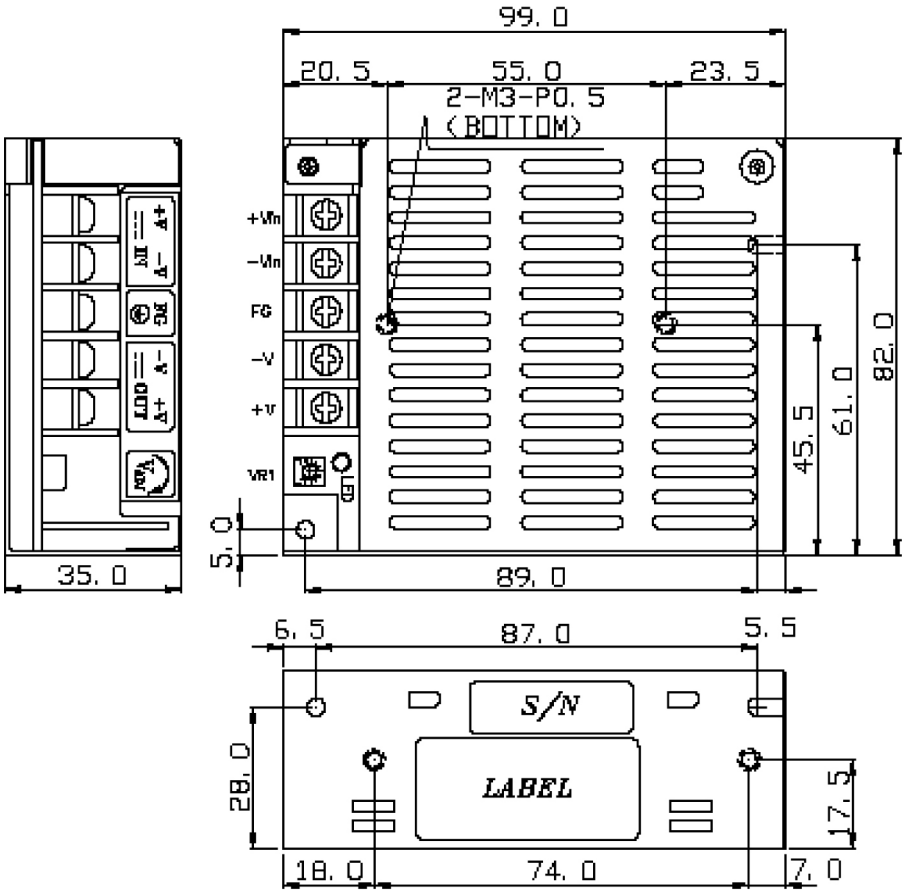
Technical Specifications

Input Voltage	18VDC ~ 36VDC (Typical 24VDC)
Input Current	<2.6A @ 18V DC input, full load condition
Rise time	< 20mS
Short circuit Protection	Should short circuit condition occur the output will shutdown, recovers automatically after fault condition has been removed.
Working Temperature,Humidity	0°C~70°C; de-rating: 50°C ~70°C : 2.5%/°C. 20% ~ 85% RH non condensing
Storage Temperature, Humidity	-10°C ~ +75°C 10% ~ 95% RH non condensing
Safety Standards	Meets UL 60950, CSA C22.2 No.60950, TUV EN 60950, IEC 60950, EMKO-TSE (74-SEC)207/94
EMC	FCC CFR 47 PART 15 CLASS B, EN 50081-1, CNS 13438 CLASS B, EN 50082-1 (1997)
M.T.B.F.	417K hours

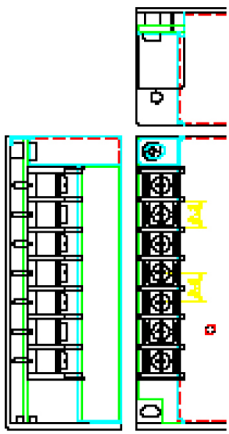
Table Specification

Part No	Voltage	Min Load	Max Load	Reg	R&N	Efficiency	OVP
SDS-030B3.3	3.3V	0A	7.0A	±3%	40mV	68%	+3.8V ~ +4.6V
SDS-030B05	5.0V	0A	6.0A	±2%	50mV	70%	+5.8V ~ +7.0V
SDS-030B7.5	7.5V	0A	4.0A	±2%	75mV	70%	+8.6V ~ +10.5V
SDS-030B12	12V	0A	2.5A	±1%	100mV	74%	+13.8V ~ +17.5V
SDS-030B24	24V	0A	1.3A	±1%	200mV	76%	+27.6V ~ +33.6V
SDS-030B48	48V	0A	0.65A	±1%	250mV	78%	+55.2V ~ +67.2V

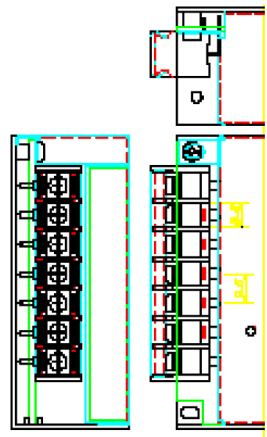
We make every effort to ensure the information provided is accurate. However, we can not be held responsible for errors, specifications are subject to change without notice. Please ensure the product is suitable for your intended application.



* Connector: 5p/9.5mm pitch terminal block (Right angel type optional)
* Weight: 350g/pc.
* * Terminal block with pc cover optional, show as below:



Type A: Stright pins with pc cover



Type B: Right angle pins with pc cover

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