

DC/DC Wandler mit 1 Ausgang
im Gehäuse

DC/DC Converter with 1 output
with case



Artikel	Spannung	Strom	Wirkgr.	Regelung	Restwelligkeit
Model	Voltage	Current	Efficiency	Regulation	Ripple & Noise
SDS 30X* -3,3	3,3V	7,0A	68%	3%	40mV
SDS 30X* -5	5V	6,0A	70%	2%	50mV
SDS 30X* -12	12V	2,5A	74%	1%	100mV
SDS 30X* -24	24V	1,3A	76%	1%	200mV
SDS 30X* -48	48V	0,6A	78%	1%	200mV

*X

A	B	C
9,5 - 18VDC	18 - 36VDC	36 - 72VDC
max. 4,8A	max. 2,6A	max. 1,3A

Beispiel/ Example: SDS 35C-24 U_i : 36 - 72VDC, U_o : 24V / 1,3A

Technische Daten

Specification

Ausgang

Einstellbarkeit
Netzausfallüberbrückung
Überlastschutz
Überspannungsschutz
Kurzschlußschutz

Output specifications

Adjustment +/- 10%
Hold up time > 10ms
Overload protection 105 to 150% (Foldback)
Overvoltage protection 120 - 150%
Shortcircuit protection Shut down autom. restart

Allgemeine Daten

Betriebstemperatur
Leistungsrücknahme
Lagertemperaturbereich
Relative Luftfeuchtigkeit
MTBF

General specifications

Working temperature 0°C to +70°C
Derating 2,5°C > 50°C – 70°C
Storage temperature -10°C > + 75°C
Humidity 20% to 85%, nicht kondensierend / non condensing
MTBF 417.000h

Größe
Sicherheit

Dimension
Safety

99 x 82 x 35 mm
meets UL, CSA, EN, TÜV, IEC

Maßbild und
weitere Informationen

Drawing and
more Informations

www.dehner-elektronik.com

SDS-030A05

MAIN OUTPUT VOLTAGE

DC INPUT VOLTAGE

A : 12VDC

B : 24VDC

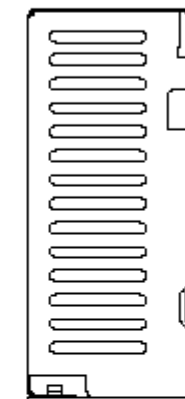
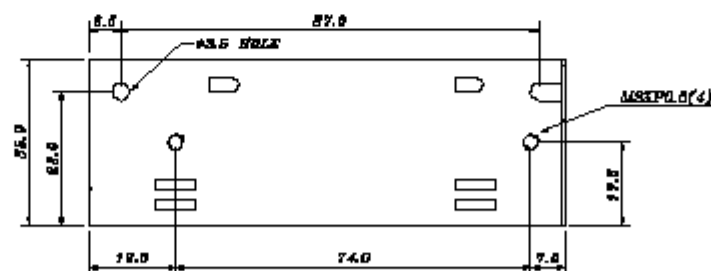
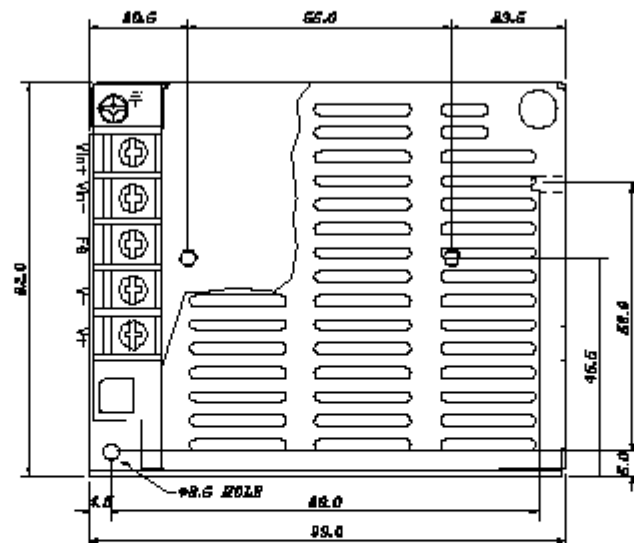
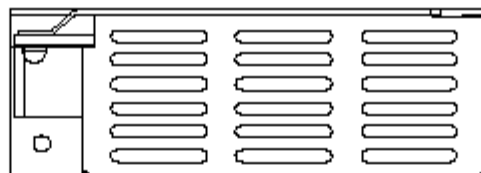
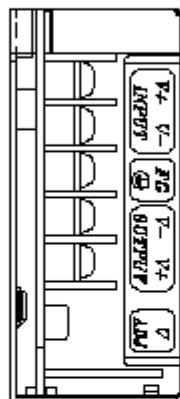
C : 48VDC

D : 96VDC

OUTPUT WATTAGE

SINGLE OUTPUT

DC INPUT



RANGE	COMMON TOLERANCE			
	A	B	C	D
< 8	±0.05	±0.1	±0.2	±0.2
8~30	±0.06	±0.15	±0.3	±0.3
30~50	±0.12	±0.25	±0.5	±1.0
50~80	±0.25	±0.4	±0.8	±1.5
80~100	±0.5	±0.8	±1.5	±3.0
100~300	±1.0	±1.5	±3.0	±8.0
ARCULAR	±0.1°	±0.2°	±0.3°	±0.5°
APPLY STANDARD		✓		

note:
 1. CHASSIS MATERIAL :
 CASE : 1.0mm SPCC, NICKLE PLATED.
 COVER : 0.5mm SPCC, NICKLE PLATED.
 2. UNIT : mm

REVISION

REV. NO	DESCRIPTION	APPR'D	DATE	APPROVED
1.				CHECKED
2.				
3.				DESIGN
4.				
5.				DRAWN

SUNPOWER

SUNPOWER TECHNOLOGY CORP.

DWG. TITLE	MECHANICAL DIAGRAM	SCALE (mm)	1.0
DWG. NO.	60-460-041 & 60-481-008	REV.	1.0
MODEL NO.	SDS-030 SERIES	FILE NO.	\\DIM\SDS\SDS030