

**RLS**

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# Netzgerät

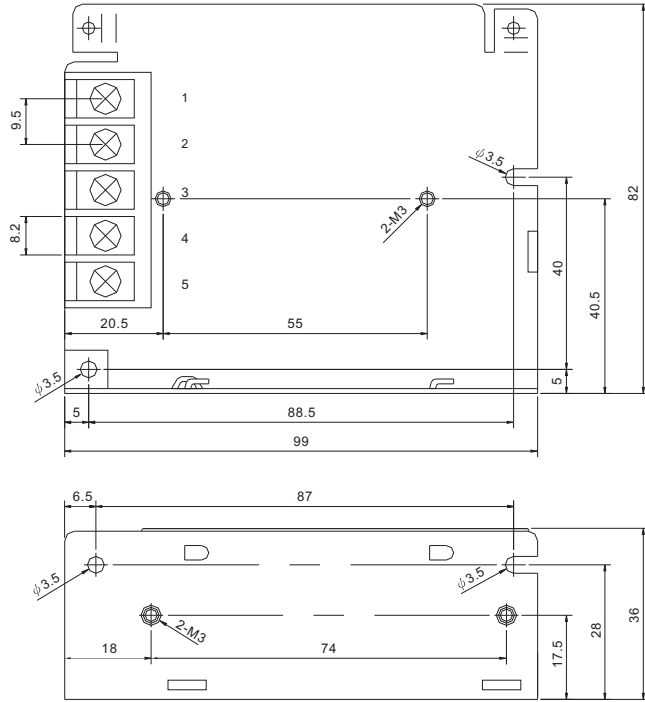
Serie 20400 RS 35

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# Montage

## Mechanical Specification

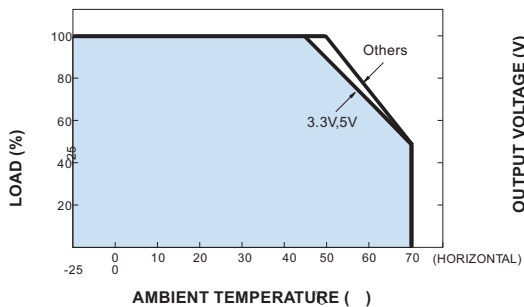
Case No. 932A Unit:mm



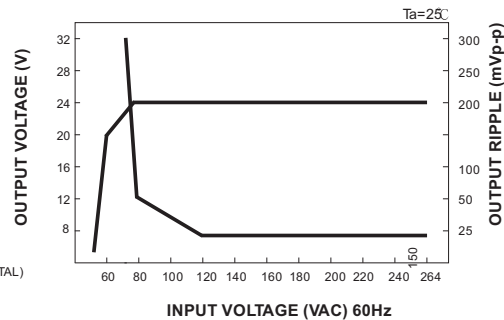
Terminal Pin. No Assignment

Pin No.	Assignment	Pin No.	Assignment
1	AC/L	4	DC OUTPUT -V
2	AC/N	5	DC OUTPUT +V
3	FG		

## Output Derating

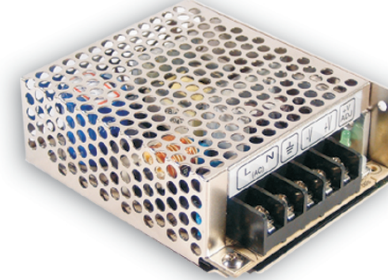


## Static Characteristics (24V)



# 35W Schaltreglernetzteil

# 20400 RS-35 Serie



## Eigenschaften :

- Universal AC Weitbereichseingang
- Kurzschlussfest - Überlastsicherung
- Kein Lüfter erforderlich
- LED Betriebsanzeige
- 100% full load burn-in test
- Long life Kondensatoren für hohe Lebensdauer
- Lieferbar für 12 und 24 V / DC  
andere Spannungen auf Anfrage

## Technische Daten

MODEL	RS-35-3.3	RS-35-5	RS-35-12	RS-35-15	RS-35-24	RS-35-48
<b>DC VOLTAGE</b>	3.3V	5V	12V	15V	24V	48V
<b>RATED CURRENT</b>	7A	7A	3A	2.4A	1.5A	0.8A
<b>CURRENT RANGE</b>	0 ~ 7A	0 ~ 7A	0 ~ 3A	0 ~ 2.4A	0 ~ 1.5A	0 ~ 0.8A
<b>RATED POWER</b>	23.1W	35W	36W	36W	36W	38.4W
<b>RIPPLE &amp; NOISE (max.)</b>	80mVp-p	80mVp-p	120mVp-p	120mVp-p	120mVp-p	200mVp-p
<b>VOLTAGE ADJ. RANGE</b>	2.9V ~ 3.6V	4.5 ~ 5.5V	10.8 ~ 13.2V	13.5 ~ 16.5V	22 ~ 27.6V	42 ~ 54V
<b>VOLTAGE TOLERANCE</b>	±3.0%	±2.0%	±1.0%	±1.0%	±1.0%	±1.0%
<b>LINE REGULATION</b>	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%	±0.5%
<b>LOAD REGULATION</b>	±2.0%	±1.0%	±0.5%	±0.5%	±0.5%	±0.5%
<b>SETUP RISE TIME</b>	500ms, 30ms/230VAC 1200ms, 30ms/115VAC at full load					
<b>HOLD TIME (Typ.)</b>	80ms/230VAC 15ms/115VAC at full load					
<b>VOLTAGE RANGE</b>	88 ~ 264VAC 125 ~ 373VDC (Withstand 300VAC surge for 5sec. Without damage)					
<b>FREQUENCY RANGE</b>	47 ~ 63Hz					
<b>EFFICIENCY (Typ.)</b>	73%	77%	81%	83%	84%	84%
<b>AC CURRENT (Typ.)</b>	0.8A/115VAC 0.55A/230VAC					
<b>INRUSH CURRENT (Typ.)</b>	COLD START 36A/230VAC					
<b>LEAKAGE CURRENT</b>	<2mA / 240VAC					
<b>OVER LOAD</b>	110 ~ 150% rated output power Protection type : Hiccup mode, recovers automatically after fault condition is removed					
<b>OVER VOLTAGE</b>	Protection type : Hiccup mode, recovers automatically after fault condition is removed					
<b>WORKING TEMP.</b>	-25 ~ +70 (Refer to output load derating curve)					
<b>WORKING HUMIDITY</b>	20 ~ 90% RH non-condensing					
<b>STORAGE TEMP, HUMIDITY</b>	-40 ~ +85°C, 10 ~ 95% RH					
<b>TEMP. COEFFICIENT</b>	±0.03%/°C (0 ~ 50°C)					
<b>VIBRATION</b>	10 ~ 500Hz, 5G 10min./1cycle, period for 60min. each along X, Y, Z axes					
<b>SAFETY STANDARDS</b>	UL60950-1, TUV EN60950-1 Approved					
<b>WITHSTAND VOLTAGE</b>	I/P-O/P:3KVAC I/P-FG:1.5KVAC O/P-FG:0.5KVAC					
<b>ISOLATION RESISTANCE</b>	I/P-O/P, I/P-FG, O/P-FG:100M Ohms/500VDC					
<b>EMI CONDUCTION &amp; RADIATION</b>	Compliance to EN55022 (CISPR22) Class B ated load and 25 of ambient temperature.					
<b>HARMONIC CURRENT</b>	Compliance to EN61000-3-2,-3					
<b>EMS IMMUNITY</b>	Compliance to EN61000-4-2,3,4,5,6,8,11; ENV50204, EN61000-6 -2 (EN50082-2) heavy industry level, criteria A					
<b>MTBF</b>	249Khrs min. MIL-HDBK-217F (25 )					
<b>DIMENSION</b>	99*82*36mm (L*W*H)					
<b>PACKING</b>	0.3Kg, 45pcs/14Kg/0.83CUFT					