

**Features**

- High efficiency 89% and low dissipation
- Protections:Short circuit/Over load/Over voltage/Over temperature
- Cooling by free air convection
- Built-in constant current limiting circuit
- Can be installed on DIN rail TS-35/7.5 or 15
- UL 508(industrial control equipment)approved
- EN61000-6-2(EN50082-2) industrial immunity level
- 100% full load burn-in test
- 3 year warranty



<b>DC output voltage</b>	24V	
<b>Output rated current</b>	40A	
<b>Output current range</b>	0~40A	
<b>Rated output power</b>	960W	
<b>Ripple &amp; noise</b>	80mVp-p	
<b>Voltage adj. range</b>	24~28V	
<b>Voltage tolerance</b>	±1.0%	
<b>Line regulation</b>	±0.5%	
<b>Load regulation</b>	±0.5%	
<b>Setup, rise, hold time</b>	200ms, 60ms, 10ms/400VAC	200ms, 60ms, 24ms/500VAC at full load
<b>Input voltage range</b>	Three phrase 340 ~ 550VAC	
<b>Frequency range</b>	47 ~ 63Hz	
<b>Efficiency</b>	91%	
<b>AC current</b>	2.4A/400VAC	1.9A/500VAC
<b>Inrush current</b>	Cold start 50A	
<b>Leakage current</b>	<3.5mA / 530VAC	
<b>Overload protection</b>	105 ~ 125% rated output power    type : Constant current limiting, unit will shut down o/p voltage after 3 sec., re-power on to recover	
<b>Over voltage protection</b>	30~36V type : Shut down o/p voltage, re-power on to recover	
<b>Over temp. protection</b>	110°C±5°C(TSW1) Detect on heatsink of power transistor, 85°C±5°C(TSW2) Detect on heatsink of power diode type : Shut down o/p voltage, recovers automatically after temperature goes down	
<b>Working temperature</b>	-20 ~ +60°C (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>Temperature coefficient</b>	±0.03%/°C (0 ~ 50°C)	
<b>Vibration</b>	Component: 10 ~ 500Hz, 2G 10min./1cycle, 60min. each along X, Y, Z axes; Mounting: compliance to ICE60068-2-6	
<b>Safety standards</b>	UL508, ULEN60950-1, TUV EN60950-1 Approved	
<b>Withstand voltage</b>	I/P-O/P:3KVAC    I/P-FG:1.5KVAC    O/P-FG:0.5KVAC for 1 min.	
<b>Isolation resistance</b>	I/P-O/P, I/P-FG, O/P-FG:100M Ohms/500VDC min.	
<b>EMI conduction &amp; radiation</b>	Compliance to EN55022 (CISPR22) Class B	
<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>	122.5Khrs min.    MIL-HDBK-217F (25°C)	
<b>Dimensions</b>	10.87x4.93x3.94 inches (276*125.2*100mm)	
<b>Weight</b>	7.28lbs (3.3Kg); 4pcs/ 31.3lbs (14.2Kg)/1.14CUFT	

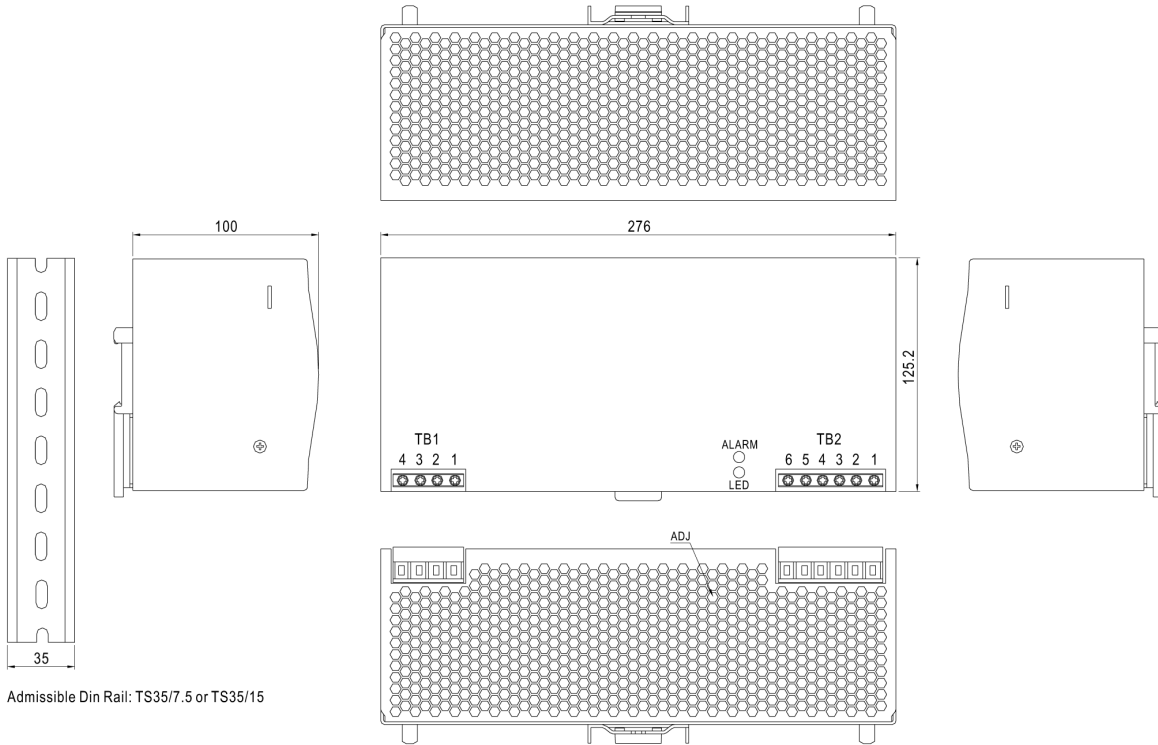
**Notes:**

1. All parameters are specified at 230VAC input, rated load, 25°C 70% RH ambient
2. Tolerance includes set up tolerance, line regulation, load regulation
3. Ripple & noise are measured at 20MHz by using a 12" twisted pair terminated with a 0.1uF & 47 uF capacitor

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## Dimensions (mm)

Case No.934 Unit:mm



Admissible Din Rail: TS35/7.5 or TS35/15

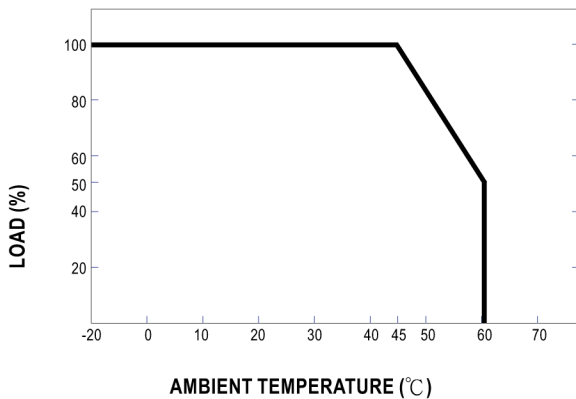
TB1 Terminal Pin. No Assignment

Pin No.	Assignment
1	AC/L1
2	AC/L2
3	AC/L3
4	FG $\oplus$

TB2 Terminal Pin. No Assignment

Pin No.	Assignment
1,2,3	DC OUTPUT +V
4,5,6	DC OUTPUT -V

## Output Derating



## Static Characteristics

