



Power Supply PSU24-075



■ Features :

- Universal AC input/Full range
- Protections:Short circuit/Over load/Over voltage/Over temperature
- Cooling by free air convection
- Can be installed on DIN rail TS-35/7.5 or 15
- UL 508(industrial control equipment)approved
- LED indicator for power on
- 100% full load burn-in test
- Fix switching frequency at 50KHz
- 3 years warranty



SPECIFICATION

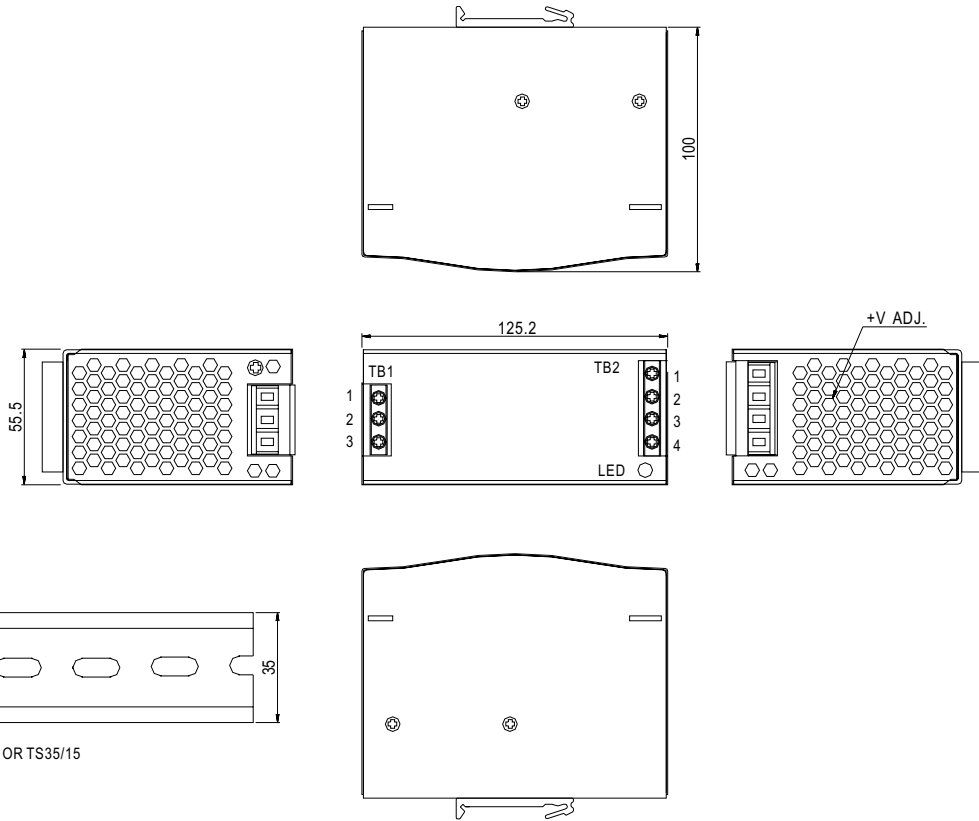
MODEL		PSU24-075		
OUTPUT	RATED CURRENT	3.2A		
	RATED POWER	76.8W		
	VOLTAGE ADJ. RANGE	24 ~ 28V		
	LINE REGULATION	± 0.5%		
	SETUP, RISE, HOLD TIME	1000ms, 60ms, 50ms/230VAC	1800ms, 60ms, 10ms/115VAC at full load	
	FREQUENCY RANGE	47 ~ 63Hz		
	EFFICIENCY (Typ.)	80%		
INPUT	AC CURRENT	2A/115V	1.2A/230V	
	LEAKAGE CURRENT	<1mA / 240VAC		
PROTECTION	OVER VOLTAGE	15 ~ 16.5V	29 ~ 34V	58 ~ 65V
		Protection type : Hiccup mode, recovers automatically after fault condition is removed		
		°C ± °C		
ENVIRONMENT	WORKING TEMP.	-10 ~ +60°C (Refer to output load derating curve)		
	STORAGE TEMP., HUMIDITY	-20 ~ +85°C, 10 ~ 95% RH		
	VIBRATION	± °C °C) 10 ~ 500Hz, 2G 10min./1cycle, period for 60min. each along X, Y, Z axes		
SAFETY & EMC (Note 4)	WITHSTAND VOLTAGE	I/P-O/P:3KVAC	I/P-FG:1.5KVAC	O/P-FG:0.5KVAC
	EMI CONDUCTION & RADIATION	Compliance to EN55011,EN55022 (CISPR22) Class B		
	EMS IMMUNITY	Compliance to EN61000-4-2,3,4,5,6,8,11, ENV50204, EN55024, EN61000-6-2 (EN50082-2) Heavy industry level, criteria A		
OTHERS	DIMENSION	55.5*125.2*100mm (W*H*D)		
NOTE	1. All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature. 2. Ripple & noise are measured at 20MHz of bandwidth by using a 12" twisted pair-wire terminated with a 0.1uf & 47uf parallel capacitor. 3. Tolerance : includes set up tolerance, line regulation and load regulation. 4. The power supply is considered a component which will be installed into a final equipment. The final equipment must be re-confirmed that it still meets EMC directives.			



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Mechanical Specification

Case No. 923 Unit:mm



ADMISSIBLE DIN-RAIL: TS35/7.5 OR TS35/15

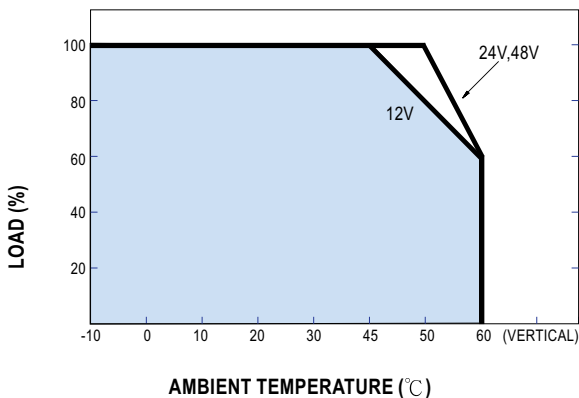
Terminal Pin. No Assignment (TB1)

Pin No.	Assignment
1	FG ⊕
2	AC/N
3	AC/L

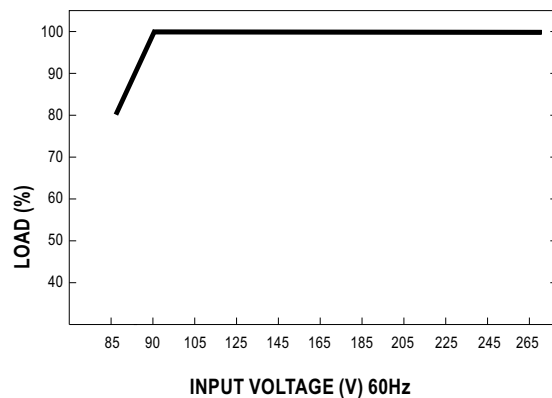
Terminal Pin. No Assignment (TB2)

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

Output Derating



Output Derating Vs Input Voltage



Bregnerødvej 127
DK-3460 Birkerød
Tel. +45 4582 4440
Fax. +45 4582 5550

JVL Industri Elektronik A/S