



Features:

- Universal AC input/ full range
- Small volume, low weight, high efficiency
- Protections : short circuit/over load/over voltage
- Cooling by free air convection
- Can be installed on DIN rail ; TS-35/7.5 or TS-35/15
- 100% full load burn-in test
- 2 Years warranty

SPECIFICATION

Dimension: 55.5 × 125.2 × 100mm

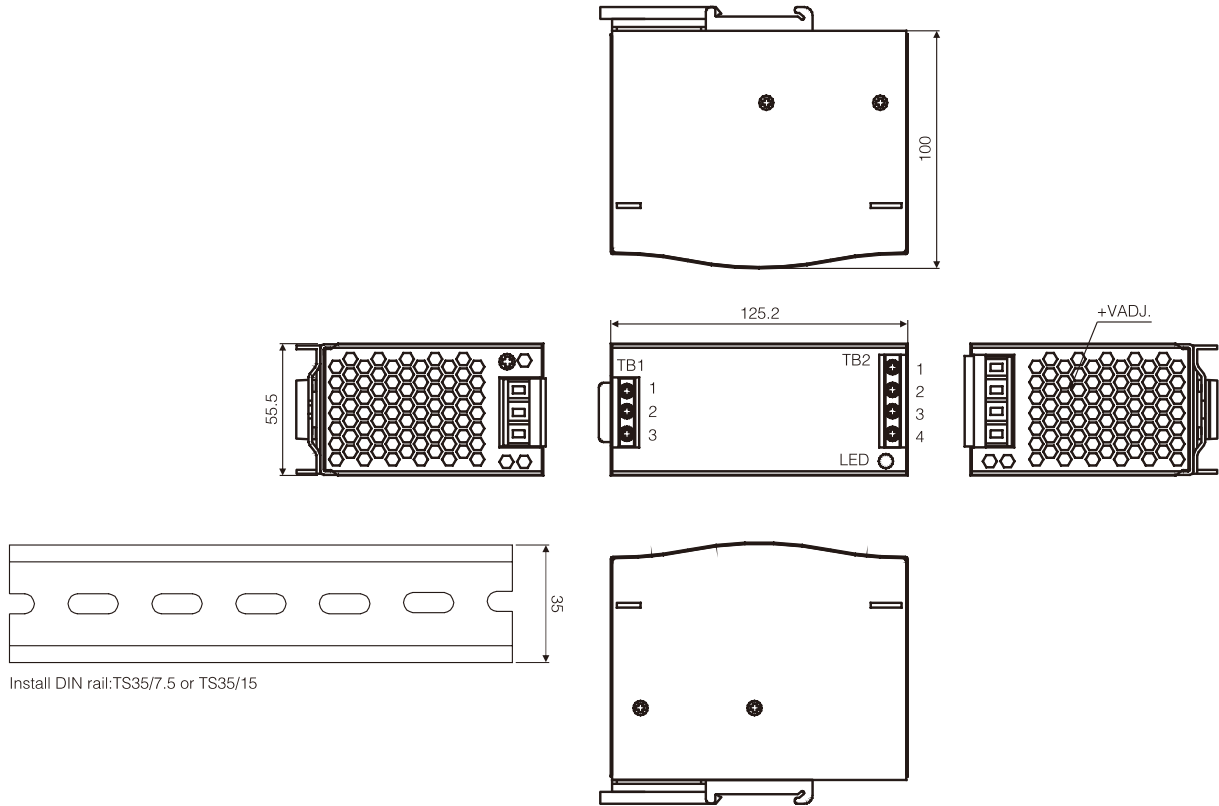


Model		TLDR-12-75	TLDR-24-75	TLDR-48-75
Output	DC voltage	12V	24V	48V
	Voltage tolerance	± 1%	± 1%	± 1%
	Rated current	6.3A	3.2A	1.6A
	Current range	0 ~ 6.3A	0 ~ 3.2A	0 ~ 1.6A
	Rated power	76W	76.8W	76.8W
	Ripple&noise	100mVp-p	150mVp-p	200mVp-p
	DC voltage ADJ. range	-9% ~ +10%	± 10%	± 10%
	Setup, rise, hold up time	1000ms,30ms,16ms/230VAC.		
Input	Voltage range	90 ~ 264VAC 47 ~ 63Hz, 127 ~ 373VDC		
	AC current	1.6A/110VAC 0.96A/220VAC		
	Efficiency	79%	81%	84%
	Inrush current	Cold start 20A/110VAC 40A/220VAC		
	leakage current	< 1mA/240VAC		
Protection	Overload	Rated output power 110% ~ 150% Start overload protection Protection type : rated current limit , auto-recovery after fault condition is removed		
	Over voltage	15.8 ~ 17.8V	27.8 ~ 31.6V	54 ~ 57.8V
		protection type : cutoff output, restart power after fault condition is removed can recover normal output		
Environment	Working temp, humidity	-20°C ~ +60°C; 20% ~ 90%RH (Please refer to "derating curve")		
	Storage temp, humidity	-40°C ~ +85°C; 10% ~ 95%RH Non-condensing		
Safety	Withstand vibration	10 ~ 500Hz, 5G 10min./1Cycle, Period for 60min, Each axes		
	Withstand voltage	I/P-O/P: 1.5KVAC I/P-FG: 1.5KVAC O/P-FG: 0.5KVAC		
	Isolation resistance	I/P-O/P: I/P-FG,O/P-FG: 100M Ohms/500VDC		
Fit standard	Safety standard	Compliance to UL 62368-1, TUV 62368-1, EN 62368-1		
	EMC Standard	Compliance to EN 55032, CLASS A		
Others	Dimension	55.5*125.2*100mm (L*W*H)		
	Packing	0.60kg/20pcs/13kg		

- 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.

Mechanical specification

Unit:mm



Install DIN rail:TS35/7.5 or TS35/15

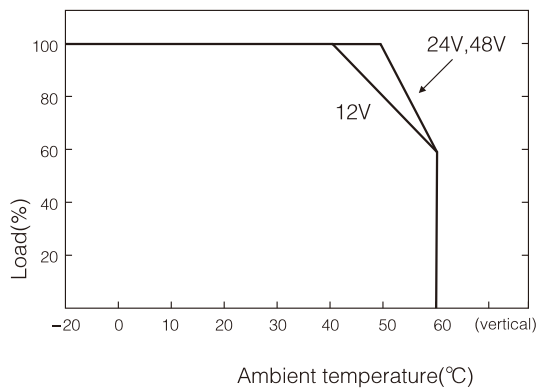
Terminal Pin No. Assignment(TB1)

Pin NO.	Assignment
1	FG Ⓢ
2	AC/N(DC+)
3	AC/L(DC-)

Terminal Pin No. Assignment(TB2)

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

Derating curve



Static characteristic

