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Katalogový list spínaný zdroj pro LED

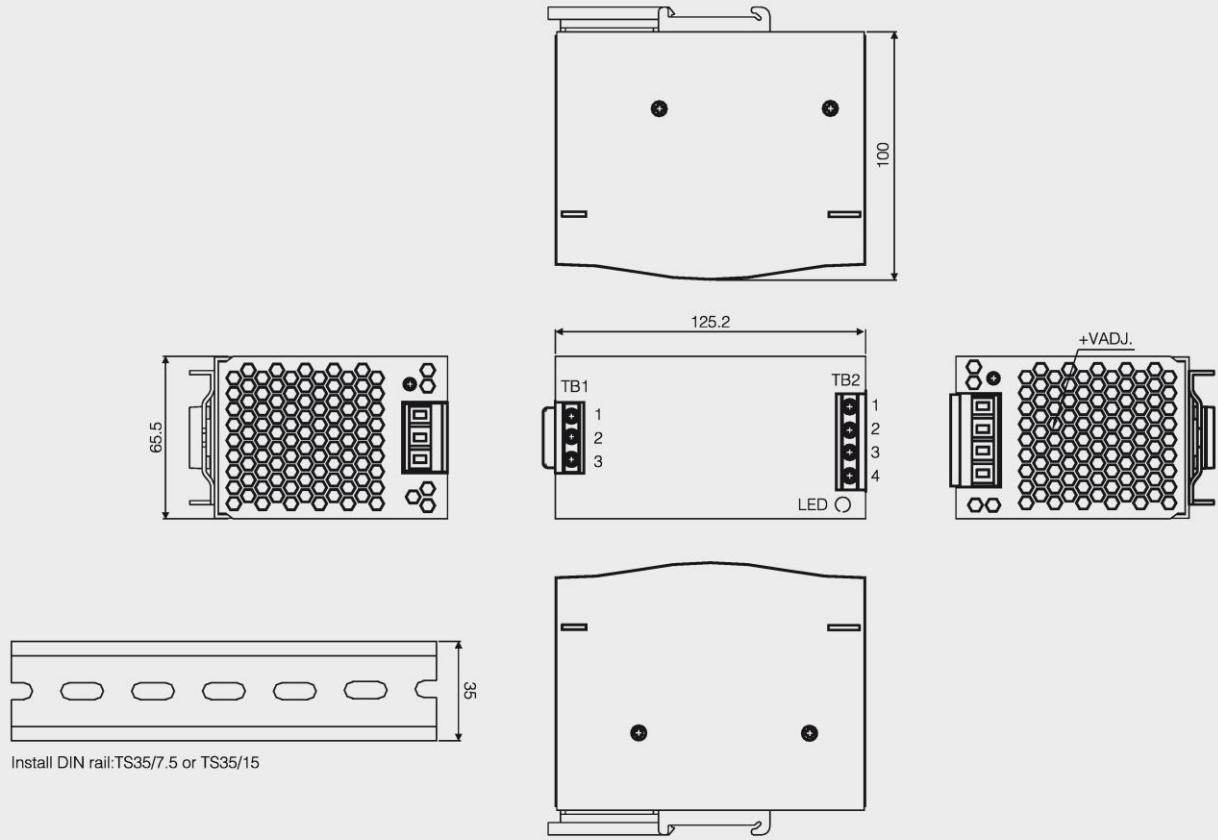
Model TLDR-12-100, TLDR-24-120, TLPS-48-120 12-48V 100-120W

		TLDR-12-100	TLDR-24-120	TLDR-48-120
Output	DC voltage	12V	24V	48V
	Voltage tolerance	± 1%	± 1%	± 1%
	Rated current	8.3A	5A	2.5A
	Current range	0 ~ 8.3A	0 ~ 5A	0 ~ 2.5A
	Rated power	99.6W	120W	120W
	Ripple&noise	100mVp-p	120mVp-p	150mVp-p
	DC voltage ADJ. range	-9% ~ +10%	± 10%	± 10%
	Setup, rise, hold up time	600ms,30ms,16ms/230VAC.		
Input	Voltage range	90 ~ 264VAC 47 ~ 63Hz, 127 ~ 373VDC		
	AC current	2.6A/110VAC 1.6A/220VAC		
	Efficiency	82%	84%	85%
	Inrush current	Cold start25A/110VAC 45A/220VAC		
	leakage current	< 1mA/240VAC		
Protection	Overload	Rated output power105% ~ 135%Start overload protection		
		Protection type : rated current limit , auto-recovery after fault condition is removed		
	Over voltage	15.8 ~ 17.8V	30.8 ~ 34.8V	54 ~ 57.8V
		protection type : cutoff output, restart power after fault condition is removed can recover normal output		
Environment	Working temp, humidity	-10°C ~ +60°C;20% ~ 90%RH(Please refer to "derating curve")		
	Storage temp, humidity	-20°C ~ +85°C;10% ~ 95%RH Non-condensing		
Safety	Withstand vibration	10 ~ 500Hz, 2G 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	Fit UL1012		
	EMC Standard	Fit EN55022, CLASSA		
Others	Weight	0.8kg 65.5*125.2*100mm (L*W*H)		
	Packing	0.8kg/20pcs/17kg		

- 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

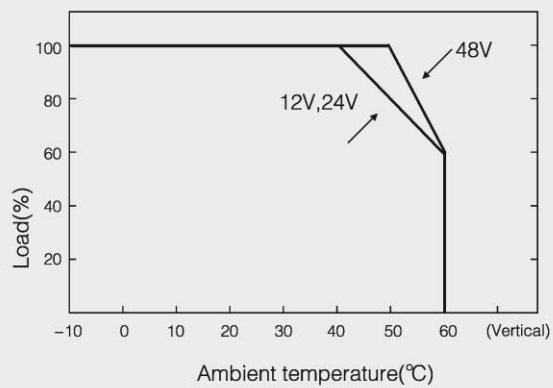
Terminal Pin No. Assignment(TB1)

Pin NO.	Assignment
1	FG Ⓢ
2	AC/N
3	AC/L

Terminal Pin No. Assignment(TB2)

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

Derating curve



Static characteristic

