

YSD60L-60 SERIES



Input: 85-264VAC 50/60Hz
Output Voltage: 5V-48V DC
Rated Power :60W max

Features

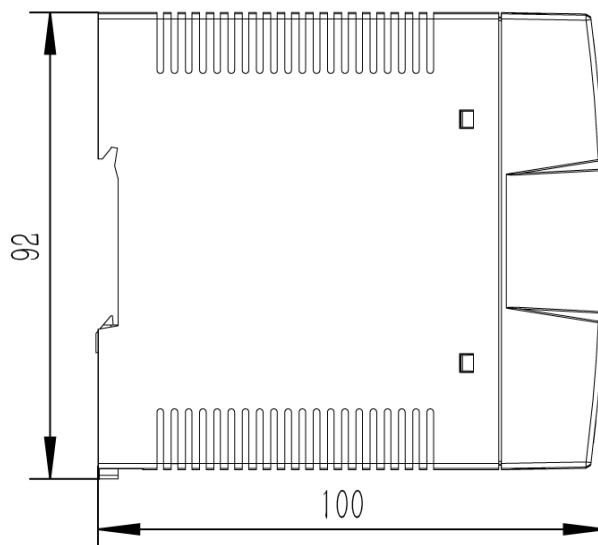
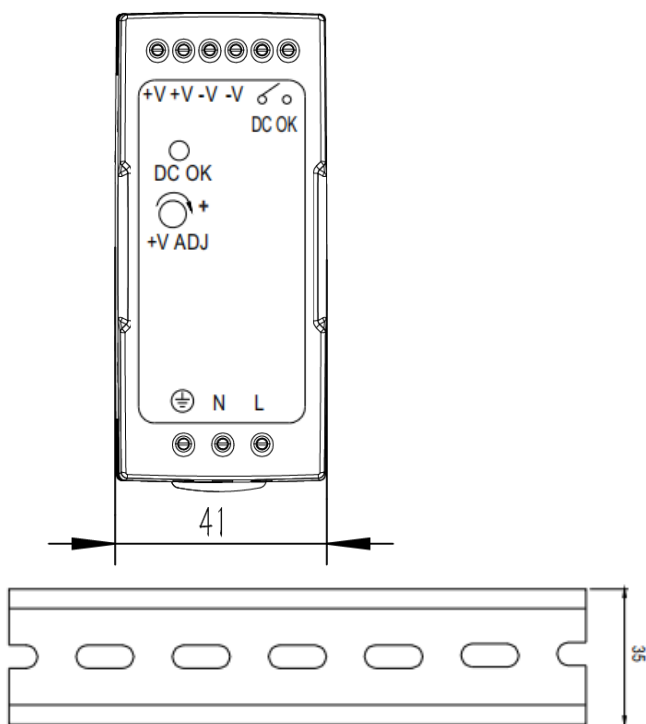
1. International universal full range of exchange input
2. Protection type: over load/over voltage/short circuit
3. DC output voltage adjustable
4. Cooling by free air convection
5. Installed on DIN rail TS-35 / 7.5 or 15
6. Built-in DC OK active signal
7. LED indicator for power on
8. Three years warranty
9. Isolation Class I

Application

Access Control
Automation
Communication Equipment
Industrial Control Systems



■ Dimensions and Installation



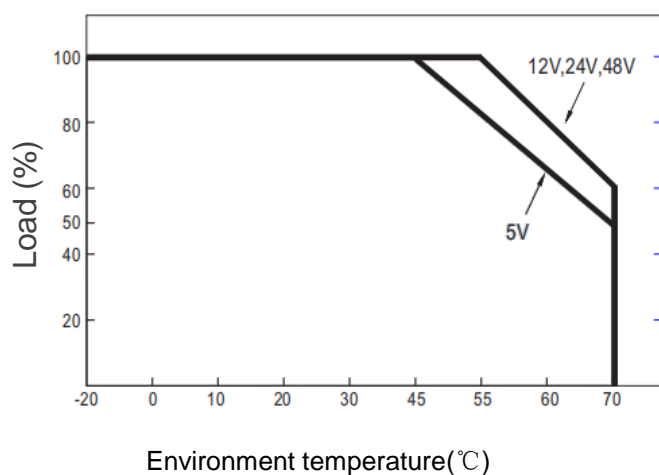
ADMISSIBLE DIN-RAIL: TS35/7.5 OR TS35/15

YSD60L-60 SERIES

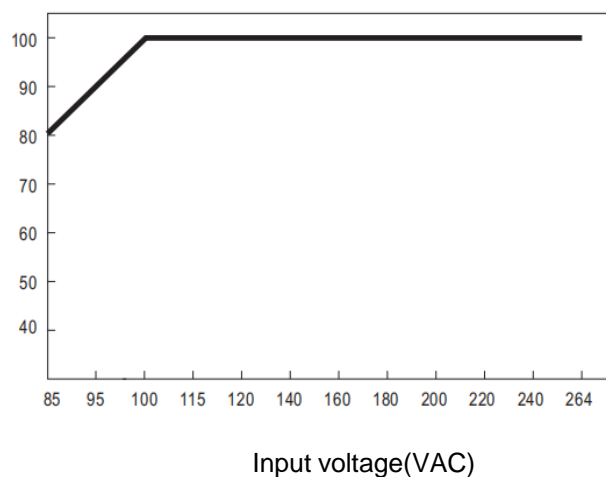
MODEL DETAIL SPEC.		YSD60L-05010000	YSD60L-1205000	YSD60L-2402500	YSD60L-4801250
INPUT	Input Voltage:	85-264VAC			
	Input Frequency:	50/60Hz			
	Inrush Current:	30A/115VAC 60A/230VAC			
	AC Current:	1.8A/115VAC 1A/230VAC			
	Leakage Current:	< 0.25mA/240VAC			
	Efficiency:	78%	86%	88%	78%
OUTPUT	DC Voltage:	5V	12V	24V	48V
	Rated Current:	10A	5A	2.5A	1.25A
	Rated Power:	50W	60W	60W	60W
	Voltage Tolerance:	±2%	±2%	±2%	±2%
	Ripple and Noise:	80mVp-p	120mVp-p	150mVp-p	200mVp-p
	Line Regulation:	±2%	±1%	±1%	±1%
	Load Regulation:	±1%	±1%	±1%	±1%
	Setup, Rise, Hold Up time:	500ms, 30ms/230VAC 500ms, 30ms/115VAC at full load			
ENVIRONMENTAL	Operating Temperature:	-20℃ to 60℃, Full Load, Normal Operation			
	Storage Temp:	-40℃ to 85℃			
	Storage Humidity:	10 ~ 95% RH			
	Working Humidity:	20% ~ 90% RH Non-Condensing			
PROTECTION	Over Load:	>105%-150% Rated Output Power			
		Protection type: Hiccup Mode- recovers automatically after fault condition is removed			
	Over Voltage:	5V:6.25~ 7.25V 12V:15.6 ~ 18V 24V:31.2 ~ 36V 48V:57.6 ~64.8V			
		Protection type : Shut down o/p voltage, re-power on to recover			
	Over Temperature:	Shut down o/p voltage, re-power on to recover			
SAFETY & EMC	Over Current:	110%-180%			
	Safety Regulations:	UL508, TUV BS EN/EN62368-1, EAC TP TC 004, BSMI CNS14336-1, AS/NZS 62368.1 approved			
	Withstand Voltage:	I/P-O/P:3KVAC I/P-FG:2KVAC O/P-FG:0.5KVAC			
	Isolation Resistance:	I/P-O/P, I/P-FG, O/P-FG:100M Ohms / 500VDC / 25℃ / 70% RH			
OTHER	EMC Emission:	Compliance to BS EN/EN55032 (CISPR32), BS EN/EN61204-3 Class B, BS EN/EN61000-3-2,-3, EAC TP TC 020, CNS13438 Class B			
	MTBF:	200,000 Hours Minimum at Full Load at 25℃ Ambient			
	Size:	41*100*92mmm			
	Weight:	290g / pcs			
	Packaging:	50PCS/CTN			

YSD60L-60 SERIES

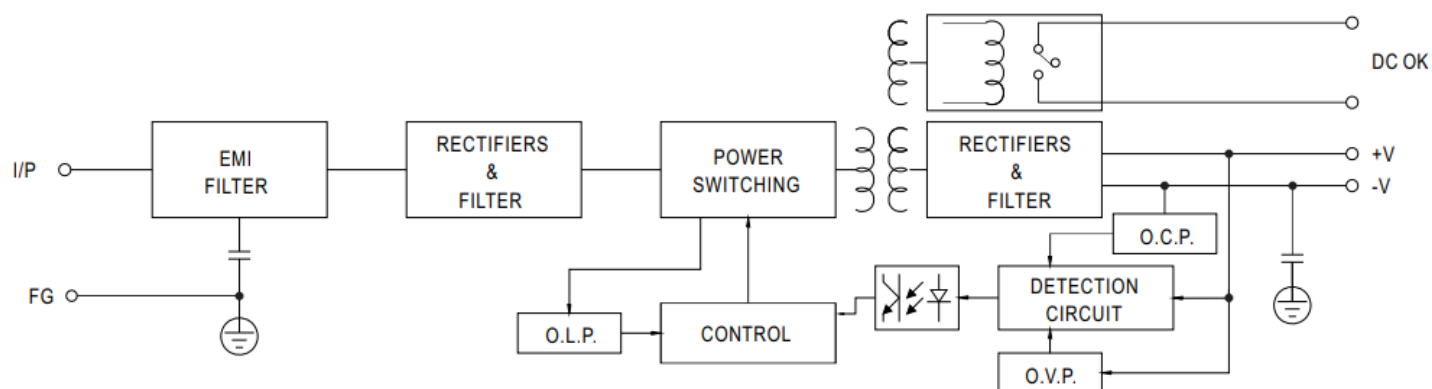
Deduction curve and temperature



Minus output and input voltage curves



Functional Diagram



DC OK Relay contact

Contact Close	PSU turns on / DC OK.
Contact Open	PSU turns off / DC Fail.
Contact Ratings (max.)	30V/1A resistive load.