

FEATURES:

- Wide input range: 85-500VAC
- Short-circuit protection, over current protect, over voltage protect, over temperature protect
- Efficiency(typ):85%
- Switching frequency: 65Khz
- No load power(typ):2.5W
- Metal case
- PCB mount

Selection Guide

Part No.	INPUT		OUTPUT				CapacitiveLoad(μ F)
	Normal (Vac)	Range (Vac)	Voltage (V1dc)	current (mA)	Voltage (V2dc)	current (mA)	
LA30-400S09B	400	85-500	9	3400			
LA35-400S12			12	2917			
LA35-400S15			15	2333			
LA35-400S20			20	1750			
LA35-400S24			24	1458			

customized accepted, pls contact sales for details

Input Specifications

Input Voltage Range	Input Voltage Range (Vac)	nominal input voltage	Max (Vac)
	85-500	400	500
Input Filter	Capacitive Filter		
Ctrl	NONE		
	NONE		
Hot Plug	Unavailable		

Output Specifications

Item	Typ	Max	Test Conditions
Voltage Accuracy	$\pm 1\%$		
Line Regulation	$\pm 0.1\%$		
Load Regulation	$\pm 0.5\%$		
Ripple&Noise	60mVp-p		20MHz Bandwidth, full load

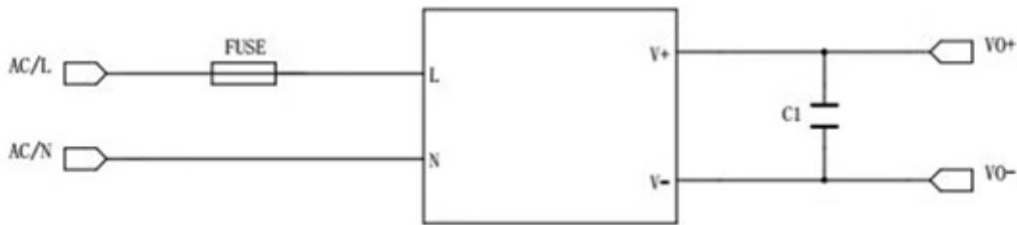
General Specifications

Switching Frequency	65KHz(Typ)	100% full load, nominal input voltage
Short-Circuit Protection	Continuous, self-recovery	
Isolation (Input-Output)	3000VAC	Input-output electric strength test for 1 minute with a leakage current
Operating Temperature	-30 $\sim$ +70 $^{\circ}$ C	
Storage Temperature	-40 $\sim$ +70 $^{\circ}$ C	
Storage Humidity	<95%	Non-condensing
Cooling Method	Free air convection	

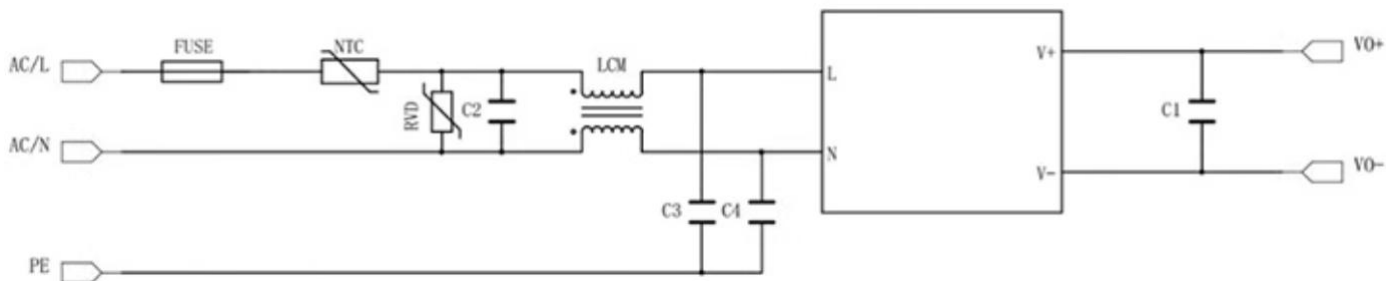
Case Material	Metal case	
Weight	125g (Typ)	

**Unless specified, otherwise all other parameters are tested under the following conditions: nominal input voltage, pure resistive load, 25℃ room temperature environment.

Recommended Circuit

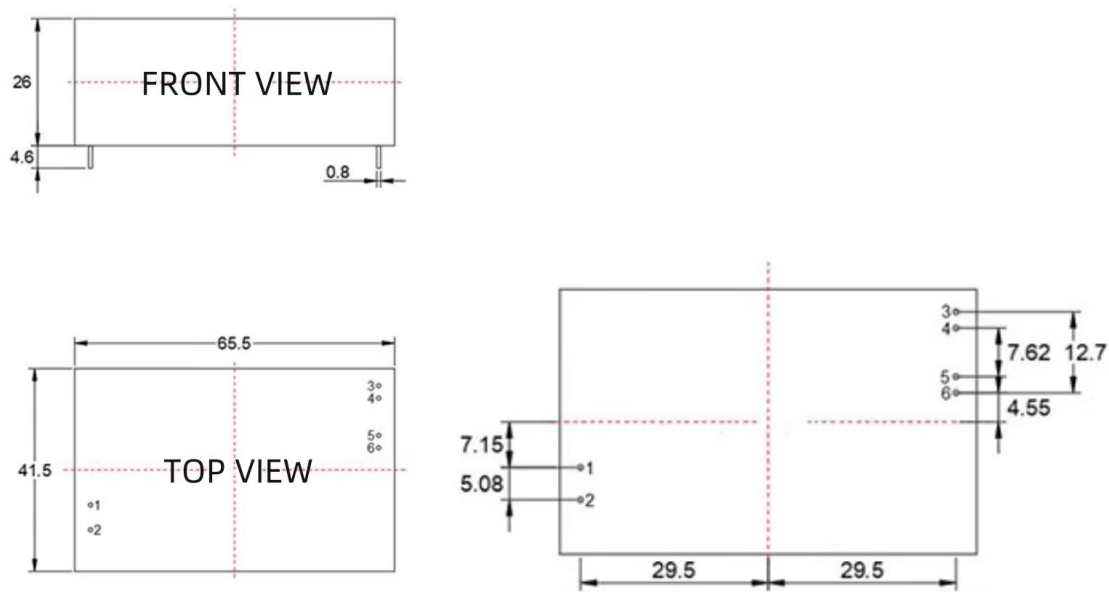


EMC Circuit



Item	Value
FUSE	2A/250V AC Slow-blow fuse
NTC	10D-11
C2	X1 0.1uF 440V
RVD	14D821K
LCM	UU9.8 60mH
C3,C4	Y2 222M 250VAC
C1	CBB Capacitor 104/100V

Dimensions and Recommended Layout



Unit:mm
Pin diameter tolerances:±0.2mm
Other tolerances:±0.5mm

Pins				
Pin	Single			
1	AC			
2	AC			
3,4	+Vo			
5,6	-Vo			