

FEATURES:

- Wide input range: 85-465VAC
- Short-circuit protection, over current protect, over voltage protect, over temperature protect
- Efficiency(typ):85%
- Switching frequency: 65Khz
- No load power(typ):0.1W
- Plastics case
- PCB mount



Selection Guide

Part No.	INPUT		OUTPUT				CapacitiveLoad(μF)
	Normal (Vac)	Range (Vac)	Voltage (V1dc)	current (mA)	Voltage (V2dc)	current (mA)	
LA25-400S3X3	400	85-465	3.3	8000			
LA40-400S05			5	8000			
LA50-400S09			9	5556			
LA50-400S12			12	4167			
LA50-400S15			15	3333			
LA50-400S24			24	2083			

customized accepted, pls contact sales for details

Input Specifications

Input Voltage Range	Input Voltage Range (Vac)	nominal input voltage	Max (Vac)
	85-465	400	465
Input Filter	Capacitive Filter		
Ctrl	NONE		
	NONE		
Hot Plug	Unavailable		

Output Specifications

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

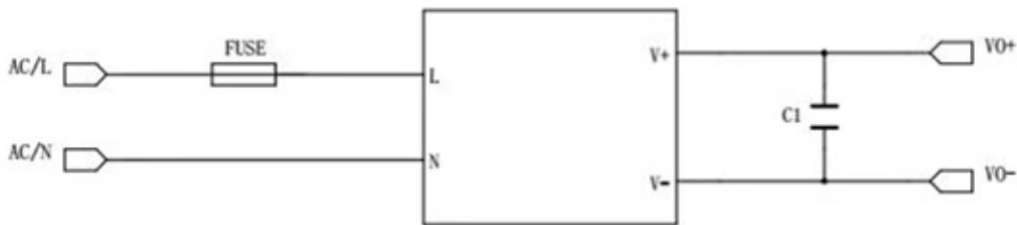
General Specifications

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~+70℃	
Storage Temperature	-40~+105℃	
Storage Humidity	<95%RH	Non-condensing

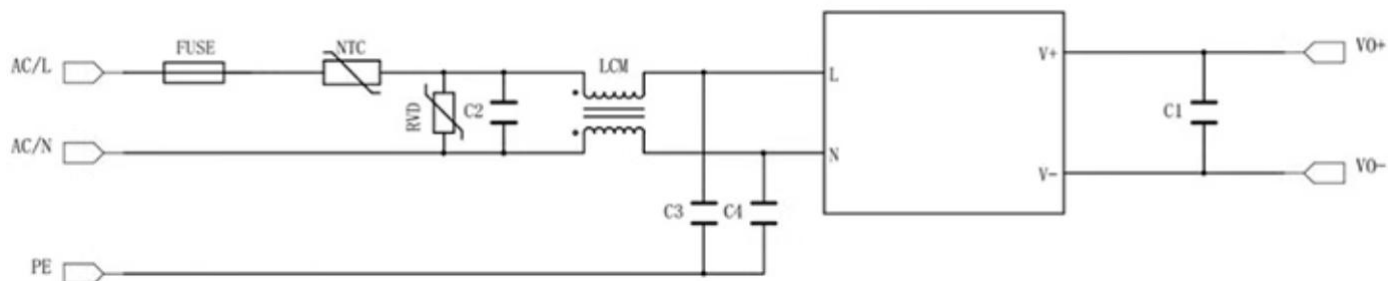
Cooling Method	Free air convection	
Case Material	Platics case	
Weight	38g (Typ)	

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

Recommended Circuit

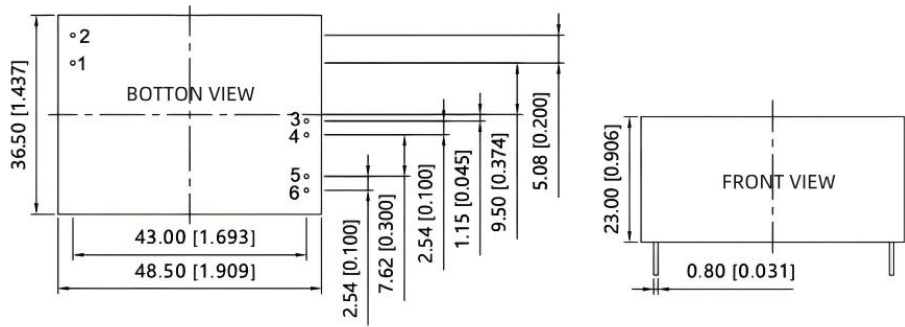


EMC Circuit



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			