

FEATURES:

- Wide input range: 85-450VAC
- 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				Capacitive Load(μF)
	Normal (Vac)	Range (Vac)	Voltage (V1dc)	current (mA)	Voltage (V2dc)	current (mA)	
SLA25-400S09B	400	85-450	9	2778			
SLA25-400S12B			12	2100			
SLA25-400S15B			15	1667			
SLA25-400S20B			20	1250			
SLA25-400S24B			24	1042			
SLA25-400S28B			28	893			

customized accepted, pls contact sales for details

Input Specifications

Input Voltage Range	Input Voltage Range (Vac)	nominal input voltage	Max (Vac)
	85-450	400	450
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

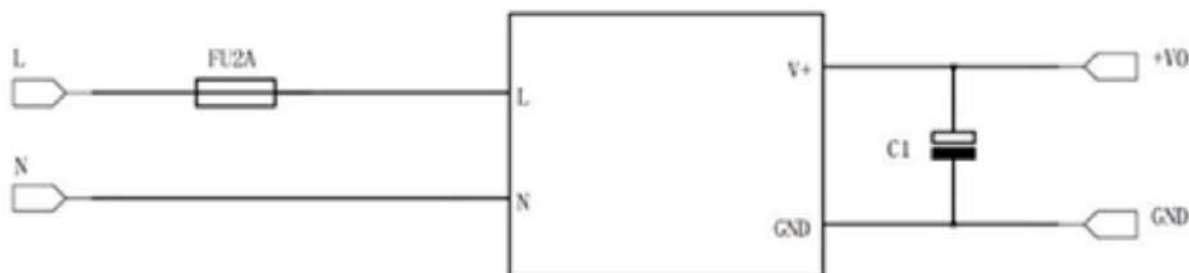
General Specifications

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°C	
Storage Temperature	-40~+70°C	
Storage Humidity	<95%	Non-condensing

Cooling Method	Free air convection	
Case Material	Metal case	
Weight	50g (Typ)	

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

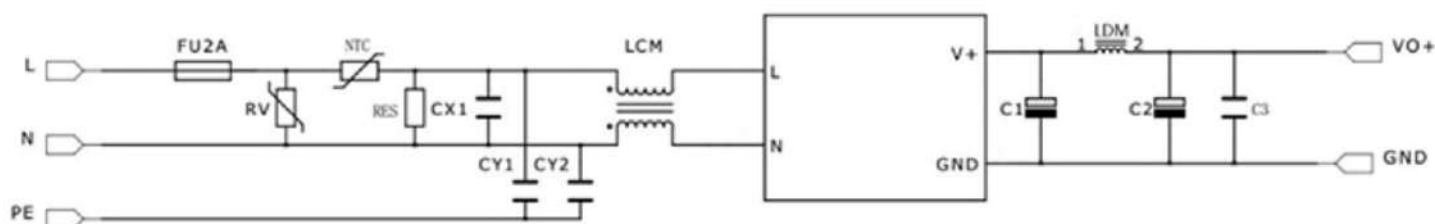
Recommended Circuit



FU2A: Slow-blow fuse, T4A 500V

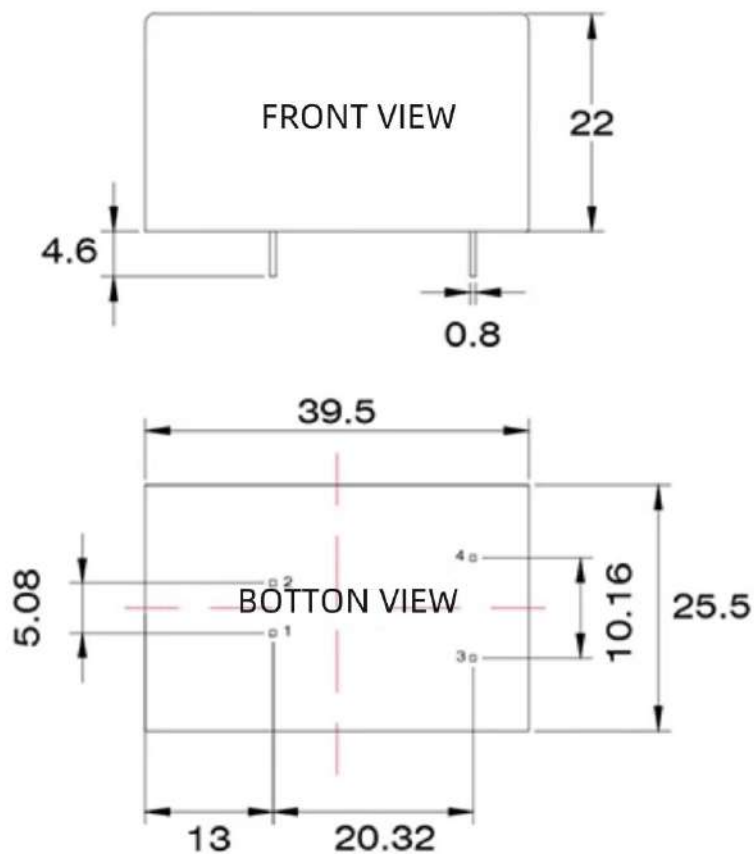
C1: Electrolytic capacitor

EMC Circuit



Item	Value
FU2A	T4A 500V
RV	14D751
NTC	10D-11
RES	2MΩ/2W
LCM	UU9.8 50mH size:0.23
CX1	0.33uF/630V
CY1,CY2/Y2	222M/250V
LDM	Rod-shaped inductor, 5*20, size:1.2, 12.5 circle, 3.3UH
C3	Ceramic capacitor, 104/50V
OUTPUT Voltage	C1,C2
5V/6V	10V/3300uF
9V/12V/15V	25V/2200uF
20V/24V/28V	35V/1000uF

Dimensions and Recommended Layout



Unit:mm

Pin diameter tolerances:±0.2mm

Other tolerances:±0.5mm

Pins

Pin	Single			
1	AC			
2	AC			
3	+Vo			
4	GND			