

Date : Jul.1,2014

Temperature increase of main components: 主要部品温度上昇

Model: PLA50F

1. Conditions

- (1) Input :AC 115 ~ 264 [V]
- (2) Output :Rated output
- (3) Mounting method :Shown as Fig.1.1

2. Result

No.	Parts name	Symbol No.	Increase (ΔT)						Rated temp. [°C]	Reference
			[deg]							
			5V	12V	15V	24V				
1	Rectifier(Input)	SS101	58	62	61	61			150	Junction Temp.
2	Line Filter	L102	49	53	54	46			130	
3	Choke Coil(Pfc)	L103	49	52	56	51			130	
4	Input Capacitor	C113	43	44	40	41			105	
5	Rectified Diode	D108	61	64	63	62			150	Junction Temp.
6	Transistor(Pfc)	TR104	41	42	43	45			150	Junction Temp.
7	Switching Transistor	TR201	46	51	50	53			150	Junction Temp.
8	Transformer	T101	55	54	53	49			110	
9	Rectified Diode(Output)	SS501	69	64	77	48			150	Junction Temp.
10	Output Choke	L501	44	—	—	—			130	
11	Output Choke	L501	—	43	40	35			120	
12	Output Capacitor	C507	40	35	34	31			105	
13										
14										
15										
16										
17										
18										
19										
20										

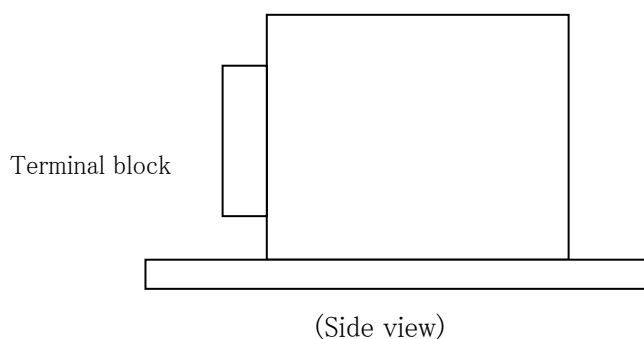


Fig.1.1 Mounting method
(Normal position)

*All information presented herein are not guaranteed.

*本資料は参考資料であり、その内容を保証するものではありません。