

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	
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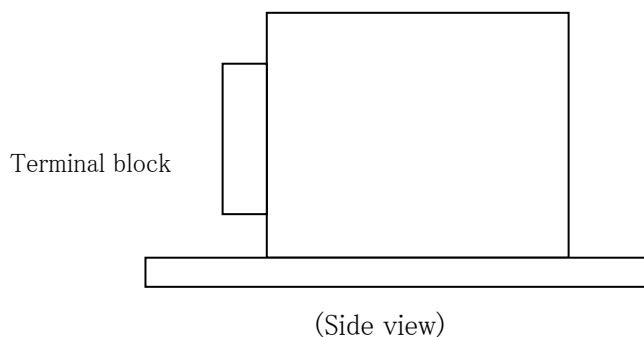


Fig.1.1 Mounting method
(Normal position)

*All information presented herein are not guaranteed.
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