

Date : Aug.23,2019

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

Model: FETA3000BA

1. Conditions

- (1) Input :AC 180 ~ 264 [V]
- (2) Output :Rated output
- (3) Mounting method :As shown in Fig.1.1

2. Result

No.	Parts name	Symbol No.	Increase (ΔT)					Rated temp. [°C]	Reference
			[deg]						
			48V						
1	Line Filter	L101	18					130	
2	Rectifier(Input)	SS101	34					150	Junction Temp.
3	Choke Coil(Pfc)	L104	18					130	
4	Transistor(Pfc)	TR102	37					150	Junction Temp.
5	Rectified Diode(Pfc)	SS103	29					150	Junction Temp.
6	Input Capacitor	C128	18					105	
7	Transformer	T301	69					155	
8	Switching Transistor	TR301	30					150	Junction Temp.
9	Rectified Diode(Output)	SS501	55					150	Junction Temp.
10	Output Choke	L501	47					130	
11	Output Capacitor	C506	36					105	
12									
13									
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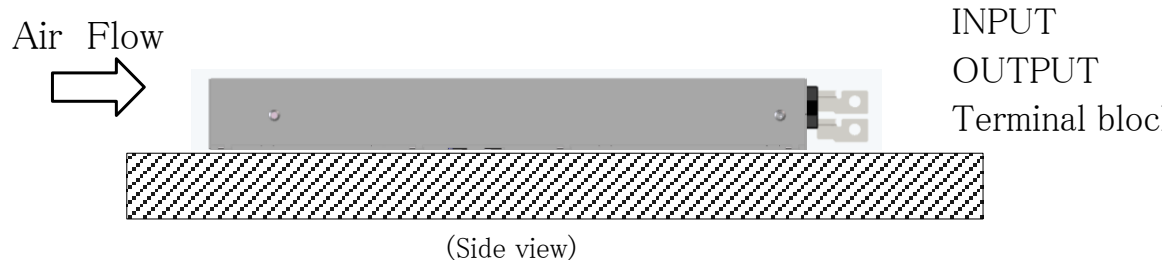


Fig.1.1 Mounting method
(Normal position)