

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

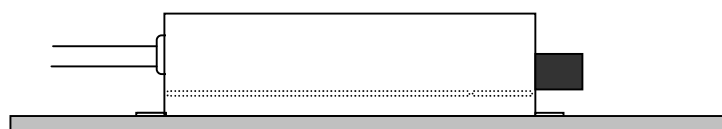
Model: SPLFA50F

1. Conditions

- (1) Input :AC 85 ~ 264 [V]
 (2) Output :Rated output *Derating is required at AC85 – 90[V] input.
 (3) Mounting method :Shown as Fig.1.1

2. Result

No.	Parts name	Symbol No.	Increase (ΔT)						Rated temp. [°C]	Reference
			[deg]							
			5V	12V	24V					
1	Line filter	L101	53	50	51				130	
2	Line filter	L102	57	55	56				130	
3	Input choke	L103	59	58	58				130	
4	Rectifier(Input)	SS101	70	63	61				150	Junction Temp.
5	Input capacitor	C113	55	51	48				105	
6	Switching transistor	TR104	75	72	73				150	Junction Temp.
7	Switching transistor	TR201	80	75	73				150	Junction Temp.
8	Transformer	T101	70	65	64				130	
9	Rectified diode(Output)	SS501	77	62	56				150	Junction Temp.
10	Output choke	L501	59	47	40				120	
11	Output capacitor	C507	38	35	36				105	
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(Side view)

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。