

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

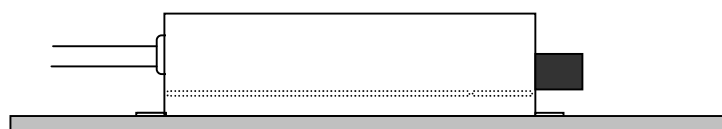
Model: SPLFA75F

## 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 ( $\Delta T$ )						Rated temp. [°C]	Reference
			[deg]							
			5V	12V	24V					
1	Line filter	L101	55	53	53				130	
2	Line filter	L102	62	59	58				130	
3	Input choke	L103	72	70	69				130	
4	Rectifier(Input)	SS101	82	74	69				150	Junction Temp.
5	Input capacitor	C113	54	52	51				105	
6	Switching transistor	TR104	81	78	79				150	Junction Temp.
7	Switching transistor	TR201	83	79	80				150	Junction Temp.
8	Transformer	T101	72	70	71				130	
9	Rectified diode(Output)	SS501	83	71	61				150	Junction Temp.
10	Output choke	L501	76	63	58				120	
11	Output capacitor	C507	45	41	39				105	
12										
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20										



(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。