

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

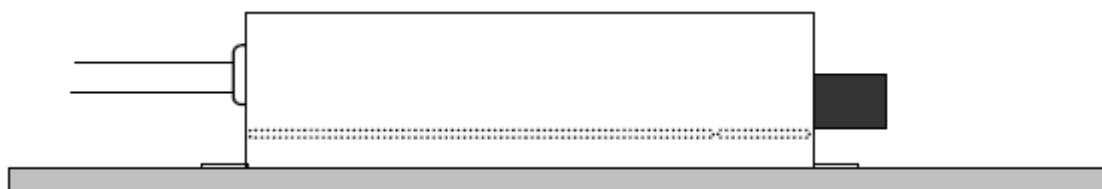
Model: SPLFA150F

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]							
			12V	24V						
1	Line Filter	L101	85	95					130	
2	Rectifier(Input)	SS101	89	99					150	Junction temp.
3	Choke Coil(PFC)	L104	77	85					130	
4	Input Capacitor	C127	49	50					105	
5	Transistor(PFC)	TR101	83	85					150	Junction temp.
6	Switching Transistor	TR201	74	87					150	Junction temp.
7	Transformer	T201	63	54					130	
8	Rectified Diode(Output)	SS501	92	68					150	Junction temp.
9	Rectified Diode(Output)	SS502	90	73					150	Junction temp.
10	Output Choke	L507	65	56					130	
11	Output Capacitor	C513	41	34					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。