

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

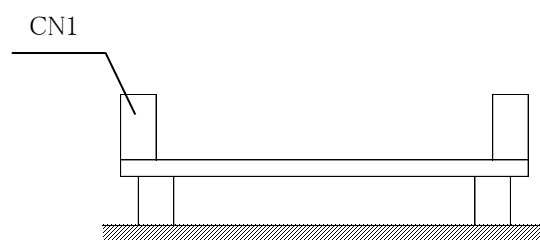
Model : LHP150F

1. Conditions

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

2. Result

No.	Parts name	Symbol No.	Increase (Δ T) [deg]					Rated temp. [°C]	Reference
			24V	30V	36V	42V	48V		
1	Line filter	L101	42	43	40	40	41	130	
2	Rectifier (Input)	SS101	57	56	55	54	53	150	Junction Temp.
3	Choke coil (PFC)	L103	63	63	63	63	62	130	
4	Switching transistor (PFC)	TR101	62	66	62	62	63	150	Junction Temp.
5	Rectifying diode (PFC)	D101	62	64	62	62	62	150	Junction Temp.
6	Thyristor	SCR101	59	60	59	58	56	150	Junction Temp.
7	Capacitor (Input)	C122	34	35	33	31	33	105	
8	Switching transistor (DC/DC)	TR301	69	71	67	65	66	150	Junction Temp.
9	Transformer	T301	69	65	62	63	59	130	
10	Rectifying Diode (Output)	SS503	56	52	45	42	39	150	Junction Temp.
11	Capacitor (Output)	C502	34	27	26	24	24	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。