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Cosel.co.,ltd.

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

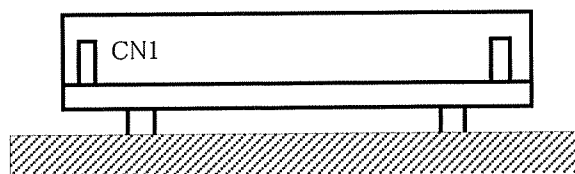
Model: LCA150S-48

## 1. Conditions

- (1) Input :AC 85 ~ 132 [V]  
 (2) Output :Rated output  
 (3) Mounting method :Shown as Fig.1.1

## 2. Result

No.	Parts name	Symbol No.	Increase ( $\Delta T$ )						Rated temp. [°C]	Reference
			[deg]							
			48V							
1	Line Filter	L11	57						120	
2	Rectifier(Input)	SS11	86						150	Junction Temp.
3	Input Capacitor	C14	31						105	
4	Input Capacitor	C15	25						105	
5	Switching Transistor	TR21	80						150	Junction Temp.
6	Transformer	T11	47						120	
7	Rectified Diode(Output)	SS52	47						150	Junction Temp.
8	Output Choke	L51	43						120	
9	Output Capacitor	C53	19						105	
10	Output Capacitor	C54	19						105	
11	Output Capacitor	C55	19						105	
12										
13										
14										
15										
16										
17										
18										
19										
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。