

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

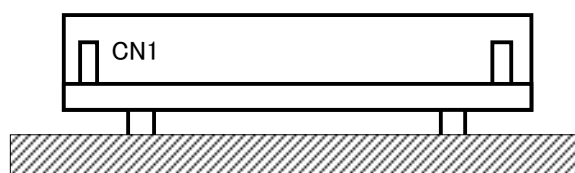
Model: LCA30S-48

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 (ΔT)						Rated temp. [°C]	Reference
			[deg]							
			48V							
1	LINE FILTER	L11	55						120	
2	RECTIFIER(INPUT)	SS11	70						150	JUNCTION TEMP.
3	SWITCHING TRANSISTOR	TR12	48						150	JUNCTION TEMP.
4	INPUT CAPACITOR	C12	27						105	
5	TRANSFORMER	T11	50						120	
6	RECTIFIED DIODE(OUTPUT)	SS51	41						150	JUNCTION TEMP.
7	OUTPUT CAPACITOR	C54	14						105	
8	OUTPUT CAPACITOR	C55	18						105	JUNCTION TEMP.
9	OUTPUT CAPACITOR	C59	8						105	
10	OUTPUT CHOKE	L51	14						120	
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										



(Side view)

Fig.1.1 Mounting method
(Normal position)