

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

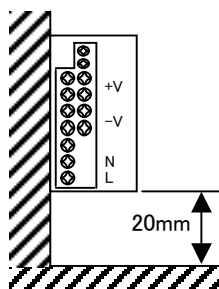
Model: ADA750F

## 1. Conditions

- (1) Input :AC 85 ~ 264 [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]							
			24V	30V	36V	48V				
1	Rectifier(Input)	SS101	67	67	67	67			150	Junction Temp.
2	Line Filter	L102	54	54	54	54			120	
3	Choke Coil(Pfc)	L103	46	46	46	46			120	
4	Switching Transistor(Pfc)	TR103	65	65	65	65			150	Junction Temp.
5	Rectified Diode(Pfc)	SS103	67	67	67	67			150	Junction Temp.
6	Inrush Current Limiting Thyristor	SCR151	58	58	58	58			150	Junction Temp.
7	Input Capacitor	C130	32	32	32	32			105	
8	Switching Transistor	TR202	54	51	57	57			150	Junction Temp.
9	Transformer	T201	60	58	60	60			120	
10	Rectified Diode(Output)	SS504	58	55	48	47			150	Junction Temp.
11	Output Choke	L507	57	57	54	57			130	
12	Output Capacitor	C513	36	36	30	38			105	
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Fig.1.1 Mounting method  
(position A)