

Date : Nov.11,2003

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

Model : FCA50F-24

1. Conditions

- (1) Input : AC 187 ~ 528V
 (2) Output : 2.1A
 (3) Mounting method : Shown as Fig.1.1

2. Result

No.	Parts name	Symbol No.	Increase (ΔT)						Rated temp. [°C]	Reference
			[deg]							
			24V							
1	Input Diode	D1	31						150	Junction Temp.
2	Line Filter	L1	21						120	
3	Switching Transistor	TR4	67						150	Junction Temp.
4	Transformer	T2	55						120	
5	Rectified Diode(Output)	SS51	60						150	Junction Temp.
6	Output Choke	L51	56						120	
7	Input Capacitor	C5	28						105	
8	Output Capacitor	C53	20						105	
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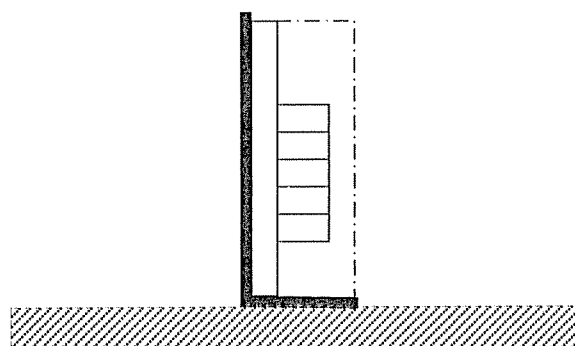


Fig.1.1 Mounting method
 (Normal position and Mounting DIN rail)