

Date : Nov.11,2003

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

Model : FCA75F-24

1. Conditions

- (1) Input : AC 187 ~ 528V
 (2) Output : 3.1A
 (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	34						150	Junction Temp.
2	Line Filter	L1	34						120	
3	Switching Transistor	TR4	70						150	Junction Temp.
4	Transformer	T2	40						120	
5	Rectified Diode(Output)	SS51	70						150	Junction Temp.
6	Output Choke	L51	52						120	
7	Input Capacitor	C5	29						105	
8	Output Capacitor	C53	32						105	
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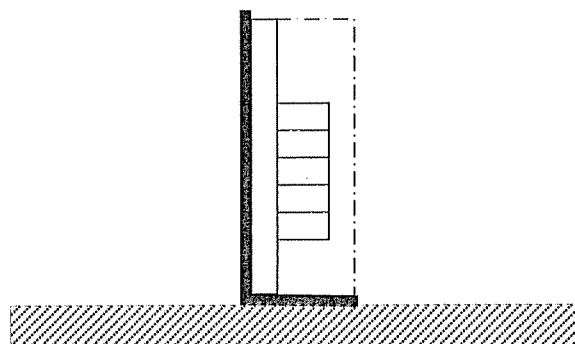


Fig.1.1 Mounting method
 (Normal position and Mounting DIN rail)