

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

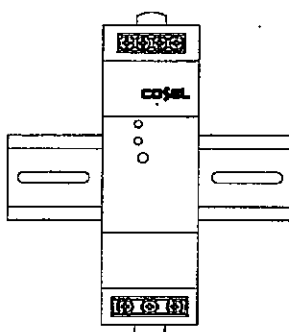
Model: KHEA120F

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 (ΔT)					Rated temp. [°C]	Reference
			[deg]						
			24V						
1	Line Filter	L101	52.2				130		
2	Rectifier(Input)	SS101	51.6				150	Junction Temp.	
3	Choke Coil(Pfc)	L105	45.9				130		
4	Input Capacitor	C109	28.8				105		
5	Rectified Diode(Pfc)	D101	56.7				150	Junction Temp.	
6	Switching Moss-Fet(Pfc)	TR101	35.3				150	Junction Temp.	
7	Switching Moss-Fet	TR402	30.0				150	Junction Temp.	
8	Transformer	T401	49.5				130		
9	Rectified Moss-Fet	TR501	27.0				150	Junction Temp.	
10	Output Choke	L501	24.1				120		
11	Output Capacitor	C501	32.2				105		
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(Front view)

Fig.1.1 Mounting method (Normal position)