

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

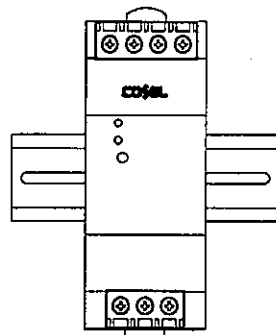
Model: KHNA240F

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	L104	47.9				120	
2	Rectifier(Input)	SS101	56.7				150	Junction Temp.
3	Inrush Current Limiting Thyristor	SCR101	46.3				150	Junction Temp.
4	Choke Coil(Pfc)	L105	41.5				130	
5	Input Capacitor	C110	31.0				105	
6	Rectified Diode(Pfc)	SS102	31.9				150	Junction Temp.
7	Switching Moss-Fet(Pfc)	TR101	44.2				150	Junction Temp.
8	Switching Moss-Fet	TR402	40.9				150	Junction Temp.
9	Transformer	T401	43.3				130	
10	Rectified Moss-Fet	TR502	41.1				150	Junction Temp.
11	Output Choke	L501	39.2				120	
12	Output Capacitor	C502	35.8				105	
13								
14								
15								
16								
17								
18								
19								
20								



(Front view)

Fig.1.1 Mounting method (Normal position)