

Date : Aug.3,2012

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

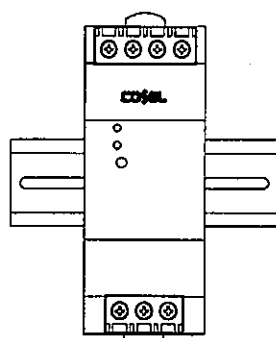
Model: KHNA240F

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										
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18										
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(Front view)

Fig.1.1 Mounting method
(Normal position)