

Date : Aug.1,2012

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

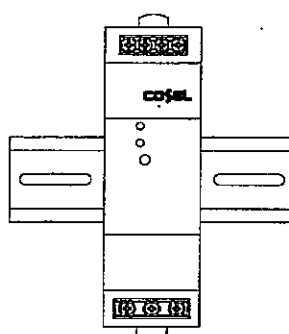
Model: KHEA120F

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	Junction Temp.
2	Rectifier(Input)	SS101	51.6						150	
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)