

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

Model: KLEA240F

1. Conditions

- (1) Input :AC 85 ~ 264 [V]
 (2) Output :Rated output *Derating is required at AC85 - 100[V] input.
 (3) Mounting method :Shown as Fig.1.1

2. Result

No.	Parts name	Symbol No.	Increase (ΔT)						Rated temp. [°C]	Reference
			[deg]							
			24V	48V						
1	Line Filter	L101	36.0	34.6					130	Junction Temp.
2	Rectifier(Input)	SS101	69.5	69.4					150	
3	Choke Coil(PFC)	L103	59.8	57.5					130	
4	Input Capacitor	C122	35.7	38.3					105	
5	Rectified Diode(PFC)	SS102	57.2	54.8					150	Junction Temp.
6	Transistor(PFC)	TR101	71.2	65.0					150	Junction Temp.
7	Switching Transistor	TR201	67.9	67.2					150	Junction Temp.
8	Transformer	T201	63.1	62.0					130	
9	Rectified Diode(Output)	SS501	71.8	63.3					150	Junction Temp.
10	Rectified Diode(Output)	SS502	68.2	69.7					150	Junction Temp.
11	Output Choke	L501	64.0	59.2					130	
12	Output Capacitor	C512	39.7	36.4					105	
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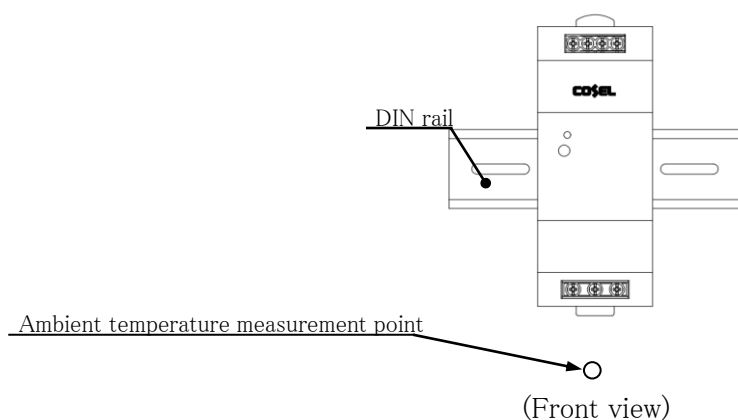


Fig.1.1 Mounting method
(Normal position)

*All information presented herein are not guaranteed.

*本資料は参考資料であり、その内容を保証するものではありません。