

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

Model: KHEA30F

1. Conditions

- (1) Input : AC 85 ~ 264 [V]
- (2) Output : Rated output \*Derating is required at AC85 - 90[V] input.
- (3) Mounting method : Shown as Fig.1.1

2. Result

No.	Parts name	Symbol No.	Increase ( $\Delta T$ )						Rated temp. [°C]	Reference
			[deg]							
			5V	12V	24V					
1	Line Filter	L101	37	43	48				120	
2	Rectifier(Input)	SS101	52	55	58				150	Junction Temp.
3	Input Capacitor	C106	21	23	26				105	
4	Switching Transistor	TR201	50	53	58				150	Junction Temp.
5	Transformer	T201	50	45	45				130	
6	Rectified MOS-FET(Output)	TR601	59	45	42				150	Junction Temp.
7	Output Choke	L601	53	36	31				120	
8	Output Capacitor	C515	27	20	19				105	
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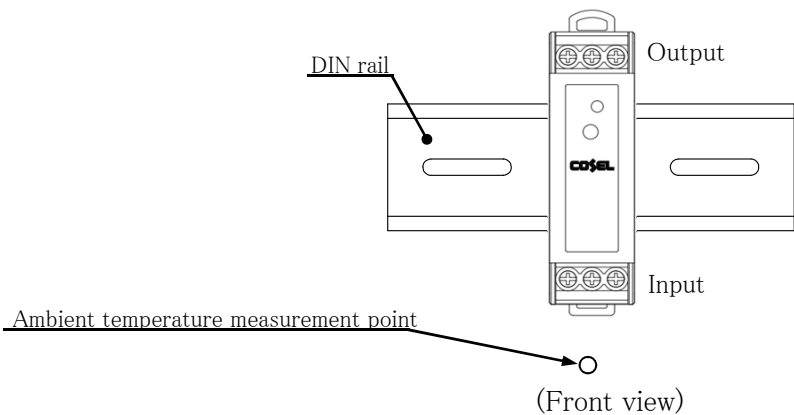


Fig.1.1 Mounting method (Normal position)

\*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。