

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

Model: KHEA60F

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 (ΔT)						Rated temp. [°C]	Reference
			[deg]							
			12V	24V						
1	Line Filter	L101	57	57					130	
2	Rectifier(Input)	SS101	49	55					150	Junction Temp.
3	Input Capacitor	C107	30	33					105	
4	Switching Transistor	TR201	54	62					150	Junction Temp.
5	Transformer	T201	66	–					155	
6			–	55					130	
7	Rectified MOS-FET(Output)	TR601	76	–					175	Junction Temp.
8			–	56					150	Junction Temp.
9	Output Choke	L601	53	–					125	
10			–	44					120	
11	Output Capacitor	C517	29	27					105	
12										
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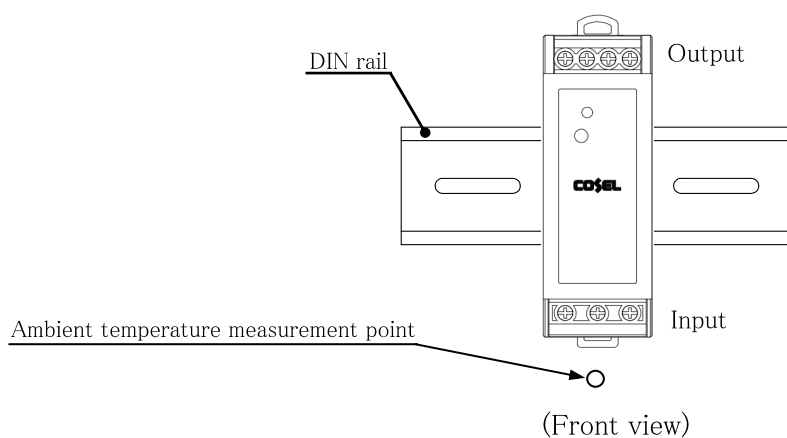


Fig.1.1 Mounting method
(Normal position)

*All information presented herein are not guaranteed.
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