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Temperature increase of main components

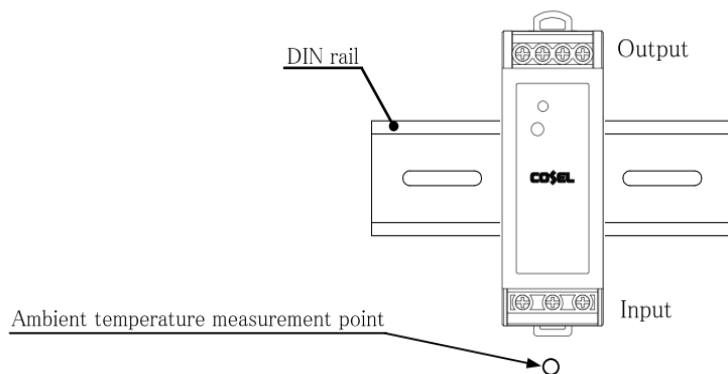
Model: WDA60F

1. Conditions

- (1) Input :AC 85 ~ 264 [V]
- (2) Output :Rated output *Derating is required at AC85-115[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	48V					
1	Line Filter	L101	47.4	37.4	37.4				130	
2	Rectifier(Input)	SS101	44.4	44.4	44.4				150	Junction Temp.
3	Input Capacitor	C109	30.3	30.4	31.3				105	
4	Switching Transistor	TR201	59.6	58.1	59.9				150	Junction Temp.
5	Transformer	T201	61.8	57.6	57.8				130	
6	Rectified Transistor(Output)	SS501	84.3	67.6	55				150	Junction Temp.
7	Rectified Transistor(Output)	SS502	86.7	69.2	–				150	Junction Temp.
9	Output Capacitor	C506	36.5	29.7	27.8				105	
10										
11										
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(Front view)
Fig.1.1 Mounting method
(Normal position)

*All information presented herein are not guaranteed.