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Temperature increase of main components

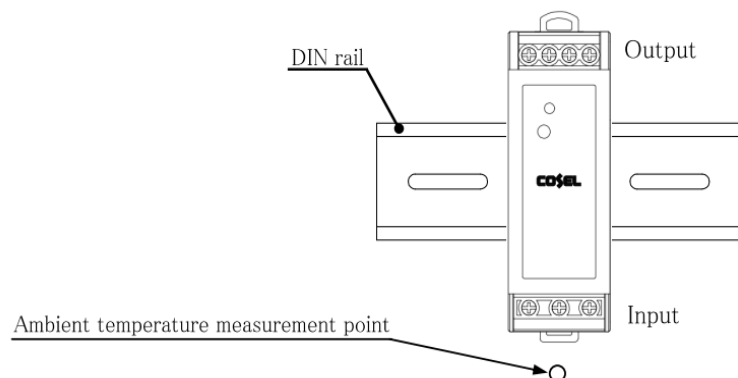
Model: WDA30F

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]							
			5V	12V	24V	48V				
1	Line Filter	L101	33.1	28.5	32.6	29.2			130	
2	Rectifier(Input)	SS101	40.5	41.7	43.6	44.9			150	Junction Temp.
3	Input Capacitor	C109	19.6	15.2	15.6	15.6			105	
4	Switching Transistor	TR201	63.7	68.5	67.1	75			150	Junction Temp.
5	Transformer	T201	51.7	41.1	40.4	46.6			130	
6	Rectified Transistor(Output)	SS501	65.8	69.5	59.6	50			150	Junction Temp.
7	Rectified Transistor(Output)	SS502	65.8	–	–	–			150	Junction Temp.
9	Output Capacitor	C506	35.5	20.6	20.5	19.1			105	
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(Front view)
Fig.1.1 Mounting method
(Normal position)

*All information presented herein are not guaranteed.