

Date : Nov.29,2019

Temperature increase of main components

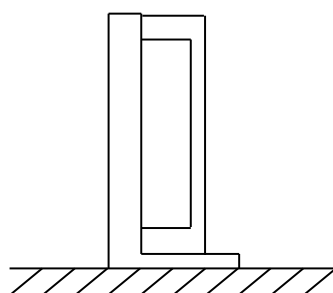
Model: WMA150H

1. Conditions

- (1) Input :AC 85 ~ 132 [V]
:AC 170 ~ 264 [V]
(2) Output :Rated output *Derating is required at 85-115[VAC] input.
*Derating is required at 170-230[VAC] 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	61.1	50.8	48.6				130	
2	Rectifier(Input)	SS101	77.7	78.3	73.9				150	Junction Temp.
3	Input Capacitor	C110	47.6	44.1	40.4				105	
4	Switching Transistor	TR201	70.8	62.1	58.9				150	Junction Temp.
5	Transformer	T201	68.9	59.2	57.1				130	
6	Rectified Transistor(Output)	SS501	81.1	59.5	54				150	Junction Temp.
7	Output Capacitor	C506	51.4	36	27.3				105	
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(Side view)

Fig.1.1 Mounting method
(Normal position)

*All information presented herein are not guaranteed.