

Date : Dec.1,2023

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

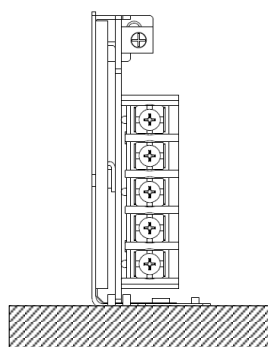
Model: PDA15F

1. Conditions

- (1) Input :AC 85 ~ 264 [V]
- (2) Output :Rated output *Derating is required at 85~90[VAC] input
- (3) Mounting method :As shown in Fig.1.1

2. Result

No.	Parts name	Symbol No.	Increase (ΔT) [deg]						Rated temp. [°C]	Reference
			5V	12V	24V					
1	Line Filter	L101	53	53	53				130	
2	Rectifier(Input)	SS101	39	40	40				150	Junction Temp.
3	Input Capacitor	C201	16	18	18				105	
4	Switching Transistor	TR201	52	64	57				150	Junction Temp.
5	Transformer	T201	47	49	50				130	
6	Rectifying Diode(Output)	D501	67	50	48				150	Junction Temp.
7	Output Choke Coil	L501	44	33	26				130	
8	Output Capacitor	C501	16	14	13				105	
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(Side view)

Fig.1.1 Mounting method
(Normal position)