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Temperature increase of main components

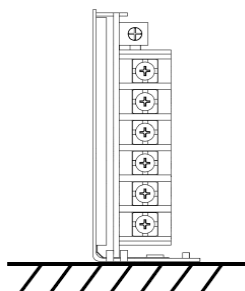
Model: PDW30F

1. Conditions

- (1) Input :AC 85 ~ 264 [V]
 (2) Output :Rated output *Derating is required at AC85~90[V] input.
 (3) Mounting method :As shown in Fig.1.1

2. Result

No.	Parts name	Symbol No.	Increase (ΔT)			Rated temp. [°C]	Reference
			[deg]				
			$\pm 12V$	$\pm 15V$			
1	Line Filter	L101	33	28		130	
2	Rectifier(Input)	SS101	53	49		150	Junction Temp.
3	Input Capacitor	C105	22	20		105	
4	Switching Transistor	TR201	56	41		150	Junction Temp.
5	Transformer	T201	39	35		155	
6	Rectifying Diode(Output)	SS501	43	36		150	Junction Temp.
7	Rectifying Diode(Output)	SS551	50	43		150	Junction Temp.
8	Output Capacitor	C503	37	33		125	
9	Output Capacitor	C553	36	32		125	
10	Output Choke	L501	41	34		125	
11	Output Choke	L551	39	34		125	
12	Output Capacitor	C505	21	20		105	
13	Output Capacitor	C555	23	20		105	
14							
15							
16							
17							
18							
19							
20							



(Side view)

Fig.1.1 Mounting method
(Normal position)

*All information presented herein are not guaranteed.

*本資料は参考資料であり、その内容を保証するものではありません。