

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

Output modules for AME series  
Module: J, A, K, B, L, C, M, D

1. Conditions

- (1) Input : AC 85~264V
- (2) Output : Rated Output
- (3) Mounting method : As shown in Fig.1.1

2. Result

No.	Parts name	Symbol No.	Increase ( $\Delta T$ )[deg]									Rated temp. [°C]	Reference
			J 3.3V	A 5V	K 7.5V	B 12V	L 15V	C 24V	M 36V	D 48V			
1	Transformer	T501	34	42	44	50	52	49	55	57	130		
2	Rectifying diode(Input)	D511	55	62	54	54	56	71	60	68	150	Junction Temp.	
3	Switching transistor	TR601	60	58	64	57	58	53	51	60	150	Junction Temp.	
4	Output choke	L601	73	67	83	71	85	47	55	50	150		
5	Rectifying diode(Output)	D622	64	64	61	56	53	57	52	62	150	Junction Temp.	
6	Output capacitor	C631	44	44	44	34	43	36	34	38	125		
7													
8													
9													
10													
11													
12													
13													
14													
15													
16													
17													
18													
19													
20													

※ The results depend on the combination of output modules.  
The above is the data in the worst case.

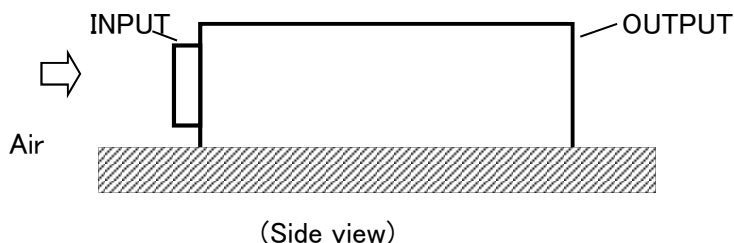


Fig.1.1 Mounting method  
(Normal position)