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

Cosel.co.,ltd.

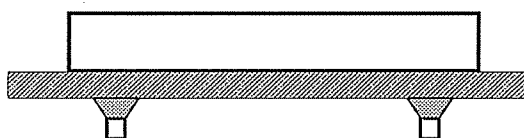
Model: ZUS624/ZUW624

1. Conditions

- (1) Input :DC 18 ~ 36 [V]
- (2) Output :Rated output
- (3) Mounting method :Shown as Fig.1.1

2. Result

No.	Parts name	Symbol No.	Increase (ΔT)					Rated temp. [°C]	Reference
			[deg]						
			5V	12V	15V	$\pm 12V$	$\pm 15V$		
1	Transformer	T11	49	40	43	38	43	130	
2	Transistor	TR31	57	45	45	45	53	150	Junction Temp.
3	Switching Transistor	TR41	49	44	45	43	45	150	Junction Temp.
4	Photocoupler	PC11	34	32	30	31	30	125	Junction Temp.
5	Rectified Diode(Output)	D51,D52	47	42	35	36	34	150	Junction Temp.
6	Output Choke	L51	43	32	33	32	32	120	
7	Output Capacitor	C55	35	29	28	-	-	125	
8	Output Capacitor	C55,C57	-	-	-	29	29	125	
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(Side view)

Fig.1.1 Mounting method
(Normal position)