

Apr.13,2007

Cosel.co.,ltd.

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

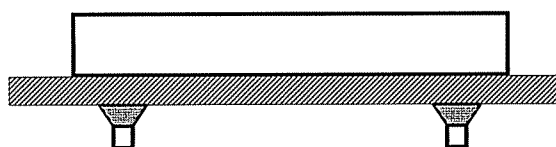
Model: ZUS2512/ZUW2512

1. Conditions

- (1) Input :DC 9 ~ 18 [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	$\pm 12V$	$\pm 15V$			
1	Transformer	T12	43	50	49	53		120	
2	Switching Transistor	TR16	54	57	51	55		150	Junction Temp.
3	Rectified Diode(Output)	SS71	46	52	47	46		150	Junction Temp.
4	Power Control Ic	IC11	39	40	39	42		125	Junction Temp.
5	Photocoupler	PC11	37	37	39	41		125	Junction Temp.
6	Output Choke	L71	39	47	46	46		120	
7	Output Capacitor	C74	37	38	—	—		125	
8	Output Capacitor	C74,C80	—	—	39	41		125	
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(Side view)

Fig.1.1 Mounting method
(Normal position)