

Apr.13,2007

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

Cosel.co.,ltd.

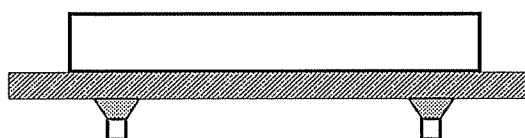
Model: ZUS612/ZUW612

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	15V	±12V	±15V		
1	Transformer	T11	41	40	40	41	55	130	
2	Transistor	TR31	48	61	48	44	54	150	Junction Temp.
3	Switching Transistor	TR41	45	43	45	43	57	150	Junction Temp.
4	Photocoupler	PC11	32	30	32	25	37	125	Junction Temp.
5	Rectified Diode(Output)	D51	39	35	38	36	49	150	Junction Temp.
6	Output Choke	L51	32	30	32	28	37	120	
7	Output Capacitor	C55	29	29	27	—	—	125	
8	Output Capacitor	C55,C57	—	—	—	31	42	125	
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									



(Side view)

Fig.1.1 Mounting method
(Normal position)