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

Cosel.co.,ltd.

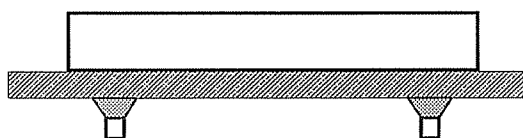
Model: ZUS348/ZUW348

## 1. Conditions

- (1) Input :DC 36 ~ 72 [V]  
 (2) Output :Rated output  
 (3) Mounting method :Shown as Fig.1.1

## 2. Result

No.	Parts name	Symbol No.	Increase ( $\Delta T$ )					Rated temp. [°C]	Reference
			[deg]						
			5V	12V	15V	$\pm 12V$	$\pm 15V$		
1	Transformer	T11	43	39	38	38	34	120	
2	Switching Transistor	TR11	43	40	36	36	36	150	Junction Temp.
3	Rectified Diode(Output)	D51	46	38	38	33	32	150	Junction Temp.
4	Photocoupler	PC11	37	34	33	30	30	125	Junction Temp.
5	Output Choke	L51	38	31	33	26	26	105	
6	Output Capacitor	C54	32	30	28	–	–	125	
7	Output Capacitor	C55,C56	–	–	–	26	26	125	
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(Side view)

Fig.1.1 Mounting method  
(Normal position)