

30-75W

AC/DC

CCA/CCW Series

Features

- Wide range of input voltage
- Broadband noise filter of input
- Surge suppress circuit of input
- Comply with UL1950, IEC950 safety regulation
- Attractive outline design
- Terminal connection method
- Easy installation
- Fast dynamic response



Input Characteristic

Voltage Range 220 VAC 176-264 VAC

Reverse Protection Connect Fuse Outside

Output Characteristic

Voltage Set-point Accuracy	± 1%
Line Regulation	± 0.2%
Load Regulation	± 0.4%
Temperature Coefficient	± 0.01%/°C
Output Current Limiting	120%(Typ)
Dynamic Response	400µs
Output Current	2-6A
Output Voltage	1.8-48V
Power	30-75W

General Characteristic

Switching Frequency	160-200	KHz
Isolation Resistance	200	M Ω
MTBF	>500000	h
Isolation Voltage		
Input-Output	>1500 VAC/1min(Leak <5mA)	
Input-Case	>1500 VAC/1min(Leak <5mA)	
Output-Case	>500 VDC/1min	
Main-Vice	>500 VDC/1min	

Environmental Characteristics

Case Temperature	(Industry) -25 - +85 °C
	(Military I) -40 - +85 °C
	(Military II) -55 - +85 °C
Storage Temperature	(Industry) -45 - +105 °C
	(Military) -55 - +105 °C

Heat Characteristic

Cooling	Thermal Resistance
Breeze of Nature	2.50°C/W
0.5M/S	2.09°C/W
1M/S	1.56°C/W
1.5M/S	1.13°C/W
2M/S	0.94°C/W

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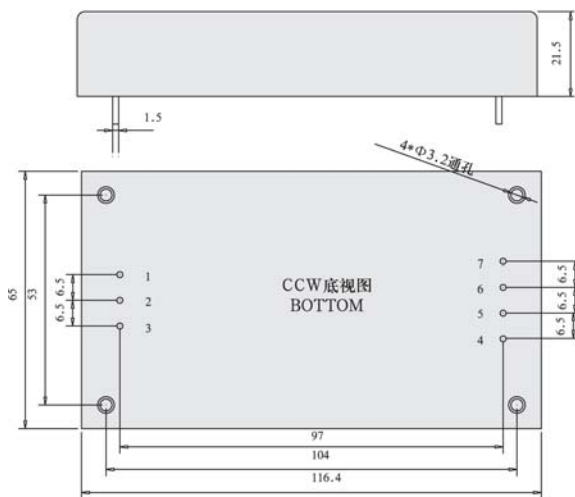
AC/DC

Models							
Input voltage (Vdc)	Input Range	Output voltage (Vdc)	Output current (A)	Ripple and noise pk-pk(mv)	Efficiency Typical	Models	
24	18-36	5	6	50	81%	CCA30W220S05	
24	18-36	12	4.17	120	83%	CCA50W220S12	
24	18-36	15	5	150	83%	CCA75W220S15	
48	36-72	+5,+12	3&1.25	50&120	81%	CCA30W220D05&12	
48	36-72	5&12	3&1.25	50&120	81%	CCA30W220D05&12	
48	36-72	12&24	3&1.63	120&200	86%	CCA75W220D12&24	
110	80-180	± 5, + 12	± 2.0/0.83	50&120	81%	CCA30W220T05+12	
110	80-180	± 12, + 05	± 2.3/4	120&120	84%	CCA75W220T12+05	
300	200-400	± 12, + 24	± 2/1.13	120&200	86%	CCA75W220T24+12	

Only typical models listed. If you need other model, please contact us for costum models

Mechanical drawing and pin definition

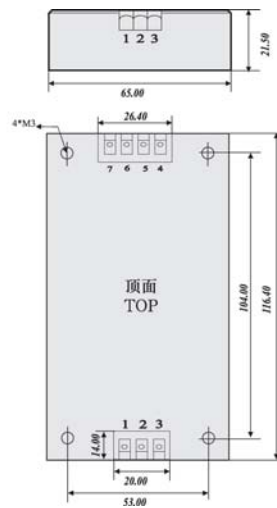
CCW series



单位(Unit): mm

引脚 PIN	单路 SING
1	Gr.
2	Acin
3	Acin
4	+Vo
5	-Vo
6	NC
7	NC

CCA series



单位(unit): mm

引脚 PIN	单路 SING	双路1 DOU1	双路2 DOU2	三路 TRIP
1	Gr.	Gr.	Gr.	Gr.
2	Acin	Acin	Acin	Acin
3	Acin	Acin	Acin	Acin
4	+Vo	+Vo1	+Vo1	+Vo1
5	-Vo	-Vo1	GND	GND
6	NC	+Vo2	+Vo2	+Vo2
7	NC	-Vo2	NC	-Vo3