

DC/DC CFZ 系列

铁路专用超薄：13mm

AC/DC CCA,CCW 系列

超低输出噪音 <30mvp-p

30-75W



特性

Features

- 宽电压输入范围 Wide range of input voltage
- 输入宽频噪声滤波器 Wideband noise filter of input
- 快速动态响应 Fast dynamic response
- 接线端子出线方式 Outlet terminal method
- 输入浪涌抑制电路 Surge suppression circuit of input
- 符合UL1950、IEC950 安全规程 Comply with UL1950,IEC950 safety regulations

CFZ 输入特性

CFZ Input Characteristics

电压范围： (Voltage Range)	DC-DC 12Vdc(Normal)	9-18Vdc
	24Vdc(Normal)	18-36Vdc
	48Vdc(Normal)	36-72Vdc

CCA,CCW 输入特性

CCA/CCW Input Characteristics

电压范围： (Voltage Range)	AC-DC 220Vac(Normal)	176-264Vac
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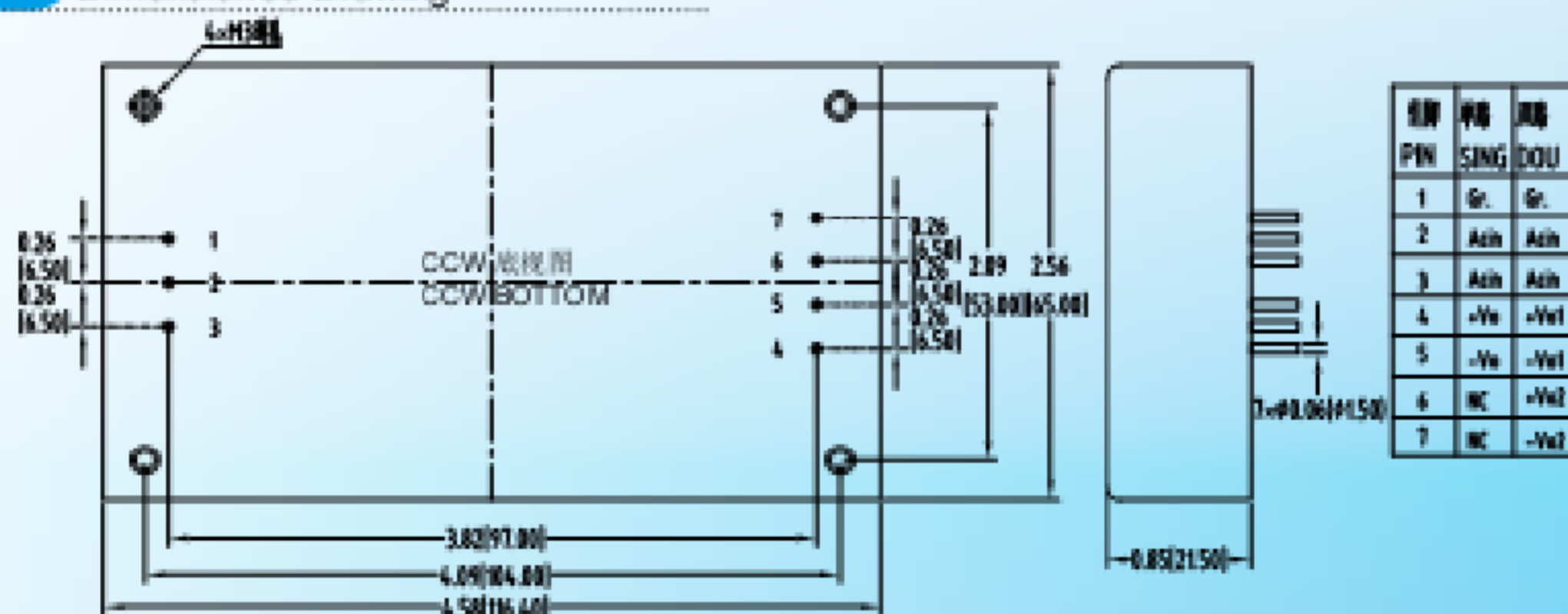
输出特性

Output Characteristics

稳压精度： (Regulated Voltage Accuracy)	± 1%
电压调整率： (Line Regulation)	± 0.2%
负载调整率： (Load Regulation)	± 0.5%
温度变化率： (Temperature Coefficient)	± 0.02% / °C
交叉调整率 (Cross Regulation) (主路 30%-100% 负载，辅路 80% 负载) (Main load 30%-100%, Aux load 80%)	±3%
电流限制点： (Output Current Limiting)	120% (Typ)
瞬态响应： (Transient Response)	400 μs

尺寸图

Dimensioned Drawing



单位尺寸为英寸 (毫米)
ALL DIMENSIONS IN INCHES(MM)

物理特性

结构尺寸：116.4*65*21.5mm
重量：CFZ:0.23Kg
CCA:0.26KgCCW:0.25Kg

一般特性

General Characteristics

工作频率 (典型值)： (Switching Frequency)	200 KHz
隔离电阻： (Isolation Resistance)	200 (Typ)MΩ
MTBF:	>500000 hrs

绝缘强度 (Insulation Voltage)

DC-DC	AC-DC
输入-输出： (Input-Output)	> 1500 Vac/1min (漏电流 < 5mA)
输入-外壳： (Input-Case)	> 1500 Vac/1min (漏电流 < 5mA)
输出-外壳： (Output-Case)	> 500 Vac/1min

环境特性 (Environmental Characteristics)

工作壳温： (Operation Temperature)	工业品 (Industry)	-25~+85°C
	军 I (Military I)	-40~+85°C
	军 II (Military II)	-55~+85°C
存储温度： (Storage Temperature)	工业品 (Industry)	-45~+105°C
	军品 (Military)	-55~+105°C

热阻特性

Thermal Characteristics

冷却方式： (Cooling)	热阻 (Thermal Resistance)
自然风冷： (Breeze of Nature)	3.58°C / W
0.5M/S	2.98°C / W
1M/S	2.24°C / W
1.5M/S	1.64°C / W
2M/S	1.34°C / W

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型号

Models

输入电压 (Vdc) Input Voltage	输入电压 (范围) Input Voltage(Range)	输出电压 (Vdc) Output Voltage	输出电流 (A) Output Current	纹波 pk-pk (mV) Ripple and noise	效率 (Typ) Efficiency	型号 Models
12	9-18	05	6	30	82%	CFZ-X30-12S05
12	9-18	05	6	50	82%	CFZ30-12S05
12	9-18	12	2.5	30	82%	CFZ-X30-12S12
12	9-18	12	2.5	120	82%	CFZ30-12S12
12	9-18	48	0.63	300	84%	CFZ30-12S48
12	9-18	05	10	30	82%	CFZ-X50-12S05
12	9-18	05	10	50	82%	CFZ50-12S05
12	9-18	12	4.17	30	82%	CFZ-X50-12S12
12	9-18	12	4.17	120	82%	CFZ50-12S12
12	9-18	24	2.08	200	83%	CFZ50-12S24
12	9-18	05	15	30	82%	CFZ-X75-12S05
12	9-18	05	15	50	82%	CFZ75-12S05
12	9-18	12	6.25	30	82%	CFZ-X75-12S12
12	9-18	12	6.25	120	82%	CFZ75-12S12
12	9-18	24	3.13	200	83%	CFZ75-12S24
24	18-36	05	6	30	82%	CFZ-X30-24S05
24	18-36	05	6	50	82%	CFZ30-24S05
24	18-36	12	2.5	30	82%	CFZ-X30-24S12
24	18-36	12	2.5	120	82%	CFZ30-24S12
24	18-36	24	1.25	200	83%	CFZ30-24S24
24	18-36	05	10	30	82%	CFZ-X50-24S05
24	18-36	05	10	50	82%	CFZ50-24S05
24	18-36	15	3.33	150	82%	CFZ50-24S15
24	18-36	24	2.08	200	83%	CFZ50-24S24
24	18-36	48	1.04	300	84%	CFZ50-24S48
24	18-36	05	15	30	82%	CFZ-X75-24S05
24	18-36	05	15	50	82%	CFZ75-24S05
24	18-36	15	5	150	82%	CFZ75-24S15
24	18-36	24	3.13	200	83%	CFZ75-24S24
24	18-36	48	1.56	300	84%	CFZ75-24S48
48	36-72	05	6	50	82%	CFZ30-48S05
48	36-72	12	2.5	120	82%	CFZ30-48S12
48	36-72	24	1.25	200	83%	CFZ30-48S24
48	36-72	48	0.63	300	84%	CFZ30-48S48
48	36-72	05	10	30	82%	CFZ-X50-48S05
48	36-72	05	10	50	82%	CFZ50-48S05
48	36-72	24	2.08	200	83%	CFZ50-48S24
48	36-72	48	1.04	300	84%	CFZ50-48S48
48	36-72	05	15	50	82%	CFZ75-48S05
48	36-72	12	6.25	120	82%	CFZ75-48S12
48	36-72	24	3.13	200	83%	CFZ75-48S24
48	36-72	48	1.56	300	84%	CFZ75-48S48
12	9-18	05&12	2&1.67	30&30	82%	CFZ-X30-12D05&12
12	9-18	05&12	2&1.67	50&120	82%	CFZ30-12D05&12
12	9-18	12&12	1.25&1.25	30&30	82%	CFZ-X30-12D12&12
12	9-18	12&12	1.25&1.25	120&120	82%	CFZ30-12D12&12
24	18-36	05&12	4&2.5	50&120	82%	CFZ50-24D05&12
24	18-36	05&24	4&1.25	50&200	82%	CFZ50-24D05&24
24	18-36	12&12	2&2	120&120	82%	CFZ50-24D12&12
24	18-36	12&24	2&1	120&200	82%	CFZ50-24D12&24
48	36-72	05&12	5&4.17	50&120	82%	CFZ75-48D05&12
48	36-72	05&24	5&2	50&200	82%	CFZ75-48D05&24
48	36-72	12&12	3&3	120&120	82%	CFZ75-48D12&12

注：以上选型，型号中功率前面带“X”的为低纹波电源，纹波小于等于 30mV。Above selection, Model selection of the mark with an "X" is low ripple power supply, the ripple is less than 30mV.

■ 说明：仅列出典型型号，其它型号请确定功率、输入电压及输出电压后，致电我公司。

Only typical models and listed. If you need other models, please confirm the power, input voltage and output voltage, then phone us.

AC/DC CCA,CCW 系列

型号 Models

	输入电压 (Vac) Input Voltage	输入电压 (范围) Input Voltage(Range)	输出电压 (Vdc) Output Voltage	输出电流 (A) Output Current	纹波 pk-pk (mV) Ripple and noise	效率(Typ) Efficiency	型号 Models
单路	220	176-264	05	6	30	82%	CCA-X30-220S05
	220	176-264	05	6	50	82%	CCA30-220S05
	220	176-264	12	2.5	30	82%	CCA-X30-220S12
	220	176-264	12	2.5	120	82%	CCA30-220S12
	220	176-264	24	1.25	200	83%	CCA30-220S24
	220	176-264	28	1.07	300	83%	CCA30-220S28
	220	176-264	48	0.63	300	84%	CCA30-220S48
	220	176-264	05	8	30	82%	CCA-X40-220S05
	220	176-264	05	8	50	82%	CCA40-220S05
	220	176-264	12	3.33	30	82%	CCA-X40-220S12
	220	176-264	12	3.33	120	82%	CCA40-220S12
	220	176-264	24	1.67	200	83%	CCA40-220S24
	220	176-264	28	1.43	300	83%	CCA40-220S28
	220	176-264	48	0.83	300	84%	CCA40-220S48
	220	176-264	05	10	30	82%	CCA-X50-220S05
	220	176-264	05	10	50	82%	CCA50-220S05
	220	176-264	12	4.17	30	82%	CCA-X50-220S12
	220	176-264	12	4.17	120	82%	CCA50-220S12
	220	176-264	24	2.08	200	83%	CCA50-220S24
	220	176-264	28	1.79	300	83%	CCA50-220S28
	220	176-264	48	1.04	300	84%	CCA50-220S48
	220	176-264	12	5	120	82%	CCA60-220S12
	220	176-264	13.8	4.35	120	82%	CCA60-220S13.8
	220	176-264	15	4	120	82%	CCA60-220S15
	220	176-264	24	2.5	200	83%	CCA60-220S24
	220	176-264	28	2.14	300	83%	CCA60-220S28
	220	176-264	36	1.67	300	83%	CCA60-220S36
	220	176-264	48	1.25	300	84%	CCA60-220S48
	220	176-264	24	2.92	200	83%	CCA70-220S24
	220	176-264	28	2.5	300	83%	CCA70-220S28
	220	176-264	48	1.46	300	84%	CCA70-220S48
	220	176-264	12	6.25	120	82%	CCA75-220S12
	220	176-264	13.8	5.43	120	82%	CCA75-220S13.8
220	176-264	15	5	150	82%	CCA75-220S15	
220	176-264	24	3.13	200	83%	CCA75-220S24	
220	176-264	28	2.68	300	83%	CCA75-220S28	
220	176-264	48	1.56	300	84%	CCA75-220S48	
双路	220	176-264	05&05	3&3	30&30	82%	CCA-X30-220D05&05
	220	176-264	05&05	3&3	50&50	82%	CCA30-220D05&05
	220	176-264	05&12	2&1.67	30&30	82%	CCA-X30-220D05&12
	220	176-264	05&12	2&1.67	50&120	82%	CCA30-220D05&12
	220	176-264	05&05	4&4	50&50	82%	CCA40-220D05&05
	220	176-264	05&12	4&2.5	50&120	82%	CCA50-220D05&12
	220	176-264	12&12	2&2	120&120	82%	CCA50-220D12&12
	220	176-264	12&24	2&1	120&200	82%	CCA50-220D12&24
	220	176-264	05&24	5&2	50&200	82%	CCA75-220D05&24
	220	176-264	05&12	5&4.17	50&120	82%	CCA75-220D05&12
	220	176-264	12&12	3&3	120&120	82%	CCA75-220D12&12
	220	176-264	12&24	3&1.5	120&200	82%	CCA75-220D12&24
三路	220	176-264	±05, +12	2/2/0.83	50/50/120	81%	CCA30-220T05+12
	220	176-264	±12, +05	1.25/1.25/4	120/120/50	84%	CCA50-220T12+05
	220	176-264	±12, +24	2/2/1.13	120/120/200	86%	CCA75-220T12+24

注：以上 CCA 的选型，CCW 均可定制。 All above model CCA selected CCW able to customize.
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