

AC/DC CRAC 系列

宽电压输入范围
金属外壳
高隔离电压
双路独立稳压

20-30W



物理特性

结构尺寸: 80*56*25mm
重量: 0.2Kg

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
- 引出脚功能兼容 Pin function compatible
- 外型设计美观 Attractive outline design
- 符合 UL1950、IEC950 安全规程 Comply with UL1950, IEC950 safety regulations

输入特性

Input Characteristics

电压范围: **AC-DC** 220V_{AC}(Normal) 176-264V_{AC}
(Voltage Range)

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 |
| 交叉调节率 (Cross Regulation) (主路 30%-100% 负载, 辅路 80% 负载) (Main load 30%-100%, Aux load 80%) | ±3% |
| 瞬态响应: (Transient Response) | 400 μs |

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)

| | |
|----------------------------|--|
| 输入 - 输出: (Input-Output) | > 1500 V _{AC} /1min (漏电流 < 5mA) |
| 输入 - 外壳: (Input-Case) | > 1500 V _{AC} /1min (漏电流 < 5mA) |
| 输出 - 外壳: (Output-Case) | > 500 V _{DC} /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 |

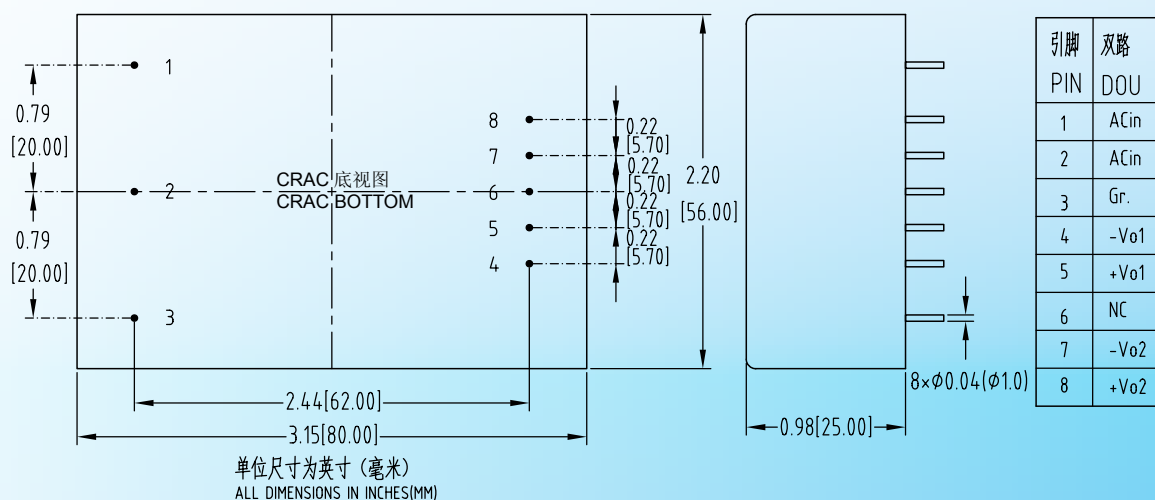
热阻特性

Thermal Characteristics

| | |
|-----------------------------|----------------------------|
| 冷却方式: (Cooling) | 热阻 (Thermal Resistance) |
| 自然风冷: (Breeze of Nature) | 4. 20°C /W |
| 0.5M/S | 3. 10°C /W |
| 1M/S | 2. 10°C /W |
| 1.5M/S | 1. 50°C /W |
| 2M/S | 1. 00°C /W |

尺寸图

Dimensioned Drawing



AC/DC CRAC 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 | |
|-----------------------------|-----------------------------------|------------------------------|----------------------------|-----------------------------------|------------------------|------------------|------------------|
| 双 路 | 220 | 176-264 | 05&05 | 2&2 | 50&50 | 82% | CRAC20-220D05&05 |
| | 220 | 176-264 | 05&12 | 1&1.25 | 50&120 | 82% | CRAC20-220D05&12 |
| | 220 | 176-264 | 05&24 | 1&0.63 | 50&200 | 82% | CRAC20-220D05&24 |
| | 220 | 176-264 | 12&05 | 1.25&1 | 120&50 | 83% | CRAC20-220D12&05 |
| | 220 | 176-264 | 12&12 | 0.83&0.83 | 120&120 | 83% | CRAC20-220D12&12 |
| | 220 | 176-264 | 24&05 | 0.63&1 | 200&50 | 83% | CRAC20-220D24&05 |
| | 220 | 176-264 | 24&12 | 0.42&0.83 | 200&120 | 83% | CRAC20-220D24&12 |
| | 220 | 176-264 | 05&12 | 1&1.67 | 50&120 | 82% | CRAC25-220D05&12 |
| | 220 | 176-264 | 05&24 | 1&0.83 | 50&200 | 83% | CRAC25-220D05&24 |
| | 220 | 176-264 | 12&05 | 1.67&1 | 120&50 | 83% | CRAC25-220D12&05 |
| | 220 | 176-264 | 12&12 | 1&1 | 120&120 | 83% | CRAC25-220D12&12 |
| | 220 | 176-264 | 24&05 | 0.83&1 | 200&50 | 83% | CRAC25-220D24&05 |
| | 220 | 176-264 | 24&12 | 0.63&0.83 | 200&120 | 83% | CRAC25-220D24&12 |
| | 220 | 176-264 | 05&12 | 2&1.67 | 50&120 | 82% | CRAC30-220D05&12 |
| | 220 | 176-264 | 05&24 | 2&0.83 | 50&200 | 83% | CRAC30-220D05&24 |
| | 220 | 176-264 | 12&05 | 1.67&2 | 120&50 | 83% | CRAC30-220D12&05 |
| | 220 | 176-264 | 12&12 | 1.25&1.25 | 120&120 | 83% | CRAC30-220D12&12 |
| | 220 | 176-264 | 12&24 | 0.83&0.83 | 120&200 | 83% | CRAC30-220D12&24 |
| 220 | 176-264 | 24&05 | 0.83&2 | 200&50 | 83% | CRAC30-220D24&05 | |
| 220 | 176-264 | 24&12 | 0.83&0.83 | 200&120 | 83% | CRAC30-220D24&12 | |
| 220 | 176-264 | 24&24 | 0.63&0.63 | 200&200 | 83% | CRAC30-220D24&24 | |

■ 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.