

DC/DC CNZ 系列

高可靠性设计，
大电流、大功率输出

300-750W



物理特性

结构尺寸: 159*98*25.6mm
重量: 0.55 Kg

特性

Features

- 大电流, 大功率输出 High output current and power
- 输入输出隔离 Completely isolated between input & output
- 快速动态响应 Fast dynamic response
- 功率覆盖范围广, 便于升级 Wide range of power ,easy to upgrade
- 自然冷却可附带散热器 Natural cooling,heat sink attachable
- 高效率, 高可靠性 Design for high efficiency

输入特性

Input Characteristics

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

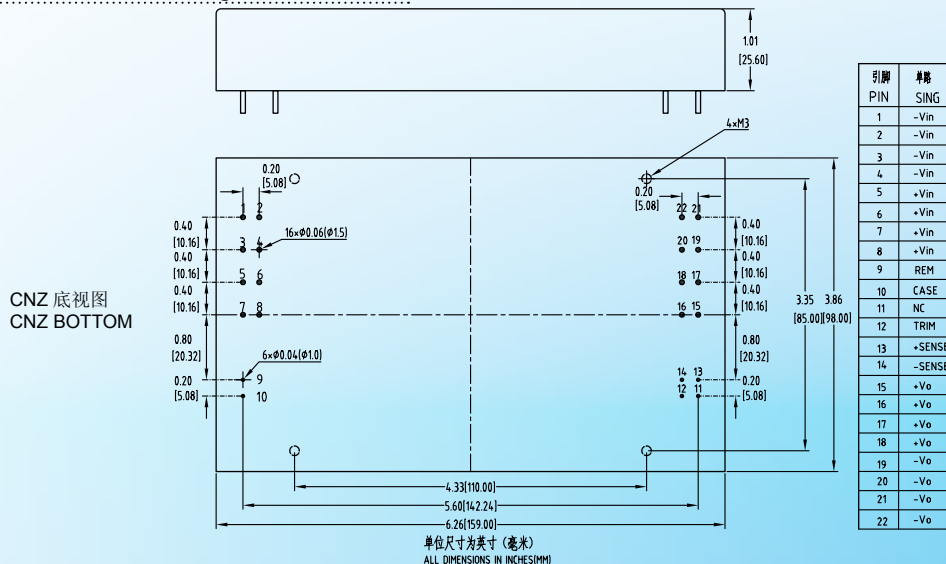
输出特性

Output Characteristics

稳压精度: (Regulated Voltage Accuracy) $\pm 1\%$
输出电压调节范围: (Line Regulation) $\pm 10\%$
电压调整率: (Line Regulation) $\pm 0.2\%$
负载调整率: (Load Regulation) $\pm 0.5\%$
温度变化率: (Temperature Coefficient) $\pm 0.02\% / ^\circ\text{C}$
电流限制点: (Output Current Limiting) 120% (Typ)
瞬态响应: (Transient Response) 400 μs

尺寸图

Dimensioned Drawing



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)M Ω
MTBF: >500000 hrs

绝缘强度 (Insulation Voltage)

输入 - 输出: (Input-Output) > 1500 V_{DC}
输入 - 外壳: (Input-Case) > 1050 V_{DC}
输出 - 外壳: (Output-Case) > 500 V_{DC}

环境特性 (Environmental Characteristics)

工作壳温: (Operation Temperature) 工业品 (Industry) -25~+85 $^\circ\text{C}$
军 I (Military I) -40~+85 $^\circ\text{C}$
军 II (Military II) -55~+85 $^\circ\text{C}$
存储温度: (Storage Temperature) 工业品 (Industry) -45~+105 $^\circ\text{C}$
军品 (Military) -55~+105 $^\circ\text{C}$

热阻特性

Thermal Characteristics

冷却方式: (Cooling) 热阻 (Thermal Resistance)
自然风冷: (Breeze of Nature) 1.60 $^\circ\text{C} / \text{W}$
0.5M/S 1.33 $^\circ\text{C} / \text{W}$
1M/S 0.99 $^\circ\text{C} / \text{W}$
1.5M/S 0.72 $^\circ\text{C} / \text{W}$
2M/S 0.60 $^\circ\text{C} / \text{W}$

DC/DC CNZ 系列

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
24	18-36	12	25	120	82%	CNZ300-24S12
24	18-36	13.8	21.74	120	82%	CNZ300-24S13.8
24	18-36	15	20	150	83%	CNZ300-24S15
24	18-36	12	29.17	120	82%	CNZ350-24S12
24	18-36	13.8	25.36	120	82%	CNZ350-24S13.8
24	18-36	15	23.33	150	83%	CNZ350-24S15
24	18-36	12	33.33	120	82%	CNZ400-24S12
24	18-36	13.8	28.99	120	82%	CNZ400-24S13.8
24	18-36	15	26.67	150	83%	CNZ400-24S15
24	18-36	24	16.67	200	83%	CNZ400-24S24
24	18-36	12	37.5	120	82%	CNZ450-24S12
24	18-36	13.8	32.61	120	82%	CNZ450-24S13.8
24	18-36	15	30	150	83%	CNZ450-24S15
24	18-36	24	18.75	200	83%	CNZ450-24S24
24	18-36	12	41.67	120	82%	CNZ500-24S12
24	18-36	13.8	36.23	120	82%	CNZ500-24S13.8
24	18-36	15	33.33	150	83%	CNZ500-24S15
24	18-36	24	20.83	200	83%	CNZ500-24S24
24	18-36	15	36.67	150	83%	CNZ550-24S15
24	18-36	24	22.92	200	83%	CNZ550-24S24
24	18-36	15	40	150	83%	CNZ600-24S15
24	18-36	24	25	200	83%	CNZ600-24S24
24	18-36	15	43.33	150	83%	CNZ650-24S15
24	18-36	24	27.08	200	83%	CNZ650-24S24
24	18-36	15	46.67	150	83%	CNZ700-24S15
24	18-36	24	29.17	200	83%	CNZ700-24S24
24	18-36	12	62.5	120	82%	CNZ750-24S12
24	18-36	15	50	150	83%	CNZ750-24S15
24	18-36	24	31.25	200	83%	CNZ750-24S24
48	36-72	12	25	120	82%	CNZ300-48S12
48	36-72	15	20	150	83%	CNZ300-48S15
48	36-72	12	29.17	120	82%	CNZ350-48S12
48	36-72	15	23.33	150	83%	CNZ350-48S15
48	36-72	12	33.33	120	82%	CNZ400-48S12
48	36-72	15	26.67	150	83%	CNZ400-48S15
48	36-72	24	16.67	200	83%	CNZ400-48S24
48	36-72	12	37.5	120	82%	CNZ450-48S12
48	36-72	15	30	150	83%	CNZ450-48S15
48	36-72	24	18.75	200	83%	CNZ450-48S24
48	36-72	12	41.67	120	82%	CNZ500-48S12
48	36-72	15	33.33	150	83%	CNZ500-48S15
48	36-72	24	20.83	200	83%	CNZ500-48S24
48	36-72	15	36.67	150	83%	CNZ550-48S15
48	36-72	24	22.92	200	83%	CNZ550-48S24
48	36-72	15	40	150	83%	CNZ600-48S15
48	36-72	24	25	200	83%	CNZ600-48S24
48	36-72	15	43.33	150	83%	CNZ650-48S15
48	36-72	24	27.08	200	83%	CNZ650-48S24
48	36-72	15	46.67	150	83%	CNZ700-48S15
48	36-72	24	29.17	200	83%	CNZ700-48S24
48	36-72	12	62.5	120	82%	CNZ750-48S12
48	36-72	15	50	150	83%	CNZ750-48S15
48	36-72	24	31.25	200	83%	CNZ750-48S24

单

路

■ 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.