DOS POWER SUPPLY

CDR系列PLC專用型導軌式工業電源

CDR Series PLC Professional type DIN rail industrial power supply



- Power: 20W-100W, full power.
- Smaller, beautiful appearance, novel design.
- Consistent with the appearance of PLC module, more suitable for PLC power supply.
- Modular design, high efficiency, high reliability.
- Soft-start current, reducing the current impact.
- Built-in EMI filter circuit, ripple and noise smaller.
- DIN rail 35mm mounting, upper and lower terminal wiring.
- Short circuit, overload, overheating, overvoltage protection.
- With suppression of grid surges, anti-lightning function.
- Using international brand power IC chip, stable performance.
- With output voltage/current/peak current/Working time data monitoring function to choose.
- RS485 communication function and fault alarm function to choose.
- Factory 100% full load aging test.
- Low temperature rise, natural cooling.
- Good price, warranty period of three years.

- 功率：20W-100W,足額功率；
- 體積更小，外形美觀，設計新穎；
- 和PLC模塊外觀一致，更適用PLC電源；
- 模塊化設計，高轉換效率，可靠性高；
- 軟啓動電流，有效降低瞬間電流衝擊；
- 内置EMI濾波電路，紋波和噪聲較小；
- 國際標準35mm導軌安裝，上下端子接綫；
- 有短路、過載、過熱、過壓等保護功能；
- 具有抑制電網浪湧、抗雷擊等功能；
- 采用國際品牌電源IC芯片，性能穩定；
- 有輸出電壓/電流/峰值電流/纍積工作時間數據監視功能供選擇；
- 有RS485通訊功能和故障報警功能供選擇；
- 出廠100%滿負載老化測試；
- 低溫升，自然散熱；
- 性價比好，質保期三年。

外形尺寸（H×D×W)僅：
90mm×87mm×45mm

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Sincere to do, will be successful
精诚在心，点石成金！

技術指標 Technical indicators

功率(W) Power	20W	24W	35W	40W	50W	60W	72W	100W
輸入電源 AC input	100～240VAC 50/60HZ							
衝擊電流 Electric shock	Cold start,<25A at 220VAC							
輸入漏電流 Input leakage current	<0.5mA							
輸出電壓 Output voltage	See each model for details（Rated output voltage ± 10% adjustable）							
電壓調整 Voltage regulation	<±1%							
負載調整率 Load Regulation	<±1%							
監視參數 Monitor parameters	非標配Non－Standard，可選擇Optional：輸出電壓Output voltage負載電流Load current 峰值電流Peak current、累積工作時間Cumulative working hours							
RS485通訊 RS485 communication	非標配Non－Standard，可選RS485功能Optional RS485 function							
故障報警 Fault alarm	非標配Non－Standard，可選裝故障報警功能Optional fault alarm function							
過載保護 Overload protection	115%～150%，Automatic recovery							
過壓保護 Overvoltage protection	115%～140%，Irreversible after protection							
過熱保護 Over temp. protection	Shut down output voltage, recovers automatically after temperature goes down							
冷卻方式 Cooling method	Free air cooling							
耐壓 Withstand pressure	I/P-O/P:3KVA，I/P-FG：1.5KVA，O/P-FG：0.5KVA，1min							
工作環境 Working environment	-10～+50℃（100%load）；Humidity 10%～90%，No condensation.							
儲存環境 Storage environment	-10～+80℃；Humidity 5%～95%，No condensation.							
安全標準 Safety standard	CE-EN60950,UL508,UL60950,TUV-60950							
EMC標準 EMC standard	EN55011,EN55022,EN61000-4-2,3,4,5,6,8,11,EN61000-6-2							
設計使用壽命 Design life	Room temperature 25 hours at 100,000 hours							
外形尺寸(W*H*D) Dimensions	45mm×90mm×87mm							

型號規格 Model specifications

基本型 Basic series



90(H)×87(D)×45(W)mm

Model No.	Output	Tol.	R&N	Effi	Power
CDR-20-5P	5V 4A	±1%	50mV	78%	20W
CDR-20-10P	10V 2A	±1%	100mV	80%	20W
CDR-24-12P	12V 2A	±1%	100mV	80%	24W
CDR-24-24P	24V 1A	±1%	150mV	83%	24W
CDR-40-10P	10V 4A	±1%	100mV	80%	40W
CDR-50-12P	12V 4.1A	±1%	100mV	80%	50W
CDR-50-24P	24V 2.1A	±1%	150mV	83%	50W
CDR-60-24P	24V 2.5A	±1%	150mV	83%	60W
CDR-100-12P	12V 8A	±1%	100mV	88%	100W
CDR-100-24P	24V 4.2A	±1%	150mV	91%	100W

注：以上系列可選裝繼電器輸出報警功能，費用另計。

Note: The above series of optional relay output alarm function, the cost of another.

電壓數顯型 Voltage Digital Display Series



90(H)×87(D)×45(W)mm

Model No.	Output	Tol.	R&N	Effi	Power
CDR-20-5PV	5V 4A	±1%	50mV	78%	20W
CDR-20-10PV	10V 2A	±1%	100mV	80%	20W
CDR-24-12PV	12V 2A	±1%	100mV	80%	24W
CDR-24-24PV	24V 1A	±1%	150mV	83%	24W
CDR-40-10PV	10V 4A	±1%	100mV	80%	40W
CDR-50-12PV	12V 4.1A	±1%	100mV	80%	50W
CDR-50-24PV	24V 2.1A	±1%	150mV	83%	50W
CDR-60-24PV	24V 2.5A	±1%	150mV	83%	60W
CDR-100-12PV	12V 8A	±1%	100mV	88%	100W
CDR-100-24PV	24V 4.2A	±1%	150mV	91%	100W

注：以上系列可選裝繼電器輸出報警功能，費用另計。

Note: The above series of optional relay output alarm function, the cost of another.

電流數顯型 Current Digital Display Series



90(H)×87(D)×45(W)mm

Model No.	Output	Tol.	R&N	Effi	Power
CDR-20-5PA	5V 4A	±1%	50mV	78%	20W
CDR-20-10PA	10V 2A	±1%	100mV	80%	20W
CDR-24-12PA	12V 2A	±1%	100mV	80%	24W
CDR-24-24PA	24V 1A	±1%	150mV	83%	24W
CDR-40-10PA	10V 4A	±1%	100mV	80%	40W
CDR-50-12PA	12V 4.1A	±1%	100mV	80%	50W
CDR-50-24PA	24V 2.1A	±1%	150mV	83%	50W
CDR-60-24PA	24V 2.5A	±1%	150mV	83%	60W
CDR-100-12PA	12V 8A	±1%	100mV	88%	100W
CDR-100-24PA	24V 4.2A	±1%	150mV	91%	100W

注：以上系列可選裝繼電器輸出報警功能，費用另計。
電流數顯型已包含電壓、電流、峰值電流和纍積運行時間等數據顯示功能。

Note: The above series of optional relay output alarm function, the cost of another.
Current digital display includes voltage / current / peak current / cumulative running time data display function.