



DIN Rail Power Supply

From The World's No.1 Power Supply Company

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www.DeltaPSU.com



DIN Rail Power Supply Product Introduction

Download **DeltaPSU AR** app from the App Store or Google Play.
Scan product image with the **AR** logo to view the 3D product simulation.

Clx™



- Universal AC input voltage range
- Power will not de-rate for the entire input voltage range
- Power Boost of 150% for 3 seconds (24V/480W: 200% for 2 seconds)
- Full corrosion resistant aluminium casing (except 12V/15W, 12V/30W, 24V/48W and 24V/60W)
- Conforms to harmonic current IEC/EN 61000-3-2, Class A
- Conformal coating on PCBAs to protect against common dust and chemical pollutants (except DRP-24V48W1AZ and DRP024V060W1AZ)
- Hazardous Locations approval to ATEX and Class I, Div 2 for selected models



Typical Applications



Clx^{II}



- Universal AC input voltage range
- Power will not de-rate for the entire input voltage range
- Power Boost of 150% for 5 seconds (24V/480W: 200% for 2 seconds)
- Full corrosion resistant aluminium casing (except DRP024V060W1N□)
- Extreme low temperature cold start -40°C for selected models
- Conformal coating on PCBAs to protect against common dust and chemical pollutants
- Hazardous Locations approval to ATEX and Class I, Div 2 for selected models



Typical Applications



Clx^M



- Universal AC input voltage range
- High power density in corrosion resistant aluminium casing
- Power Boost of 150% up to 7 seconds
- Advanced Power Boost (APB) – large reserve output current for fuse tripping
- DNV GL and ABS approvals for maritime applications
- Conforms to harmonic current IEC/EN 61000-3-2, Class A
- Built-in DC OK contact and LED indicator for DC OK/ Over Load
- Conformal coating on PCBAs to protect against common dust and chemical pollutants



Typical Applications



* Only for some models. Please refer to the catalog or our homepage for details.

DIN Rail Modules Product Introduction

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LYTE



- Universal AC input voltage range
- High power density
- Built-in constant current circuit for reactive loads
- Conforms to harmonic current IEC/EN 61000-3-2, Class A
- Built-in DC OK relay contact (for DRL-□□□□W1AS)
- Compliance to SEMI F47 @ 200Vac
- 15kV common mode & 8kV differential mode ESD immunity
- Conformal coating on PCBAs to protect against common dust and chemical pollutants



Typical Applications



CHROME



- Class II Double Isolation (No earth connection is required)
- Universal AC input voltage range and full power up to 55°C
- Power will not de-rate for the entire input voltage range
- Can be installed in compact cabinets
- NEC Class 2 and Limited Power Source (LPS) approvals (except DRC-12V100W1AZ)
- Conforms to harmonic current IEC/EN 61000-3-2, Class A
- Safety approval according to IEC/EN/UL 60950-1 (ITE standard) and UL 508 (Industrial standard)



Typical Applications



sync



- Ultra compact size
- Universal AC input voltage range and full power from -10°C to 55°C operation
- Up to 89.0% efficiency
- Low earth leakage current < 0.5mA @ 264Vac
- Built-in DC OK relay contact option available
- Extreme low temperature cold start at -40°C
- NEC Class 2 / Limited Power Source (LPS) certified



Typical Applications



* Only for some models. Please refer to the catalog or our homepage for details.

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Redundancy Modules

- Wide input and output range of 22-60Vdc
- Very wide operating temperature from -40°C to +80°C
- Built-in 2 channel DC OK signal and alarm relay contact
- Support N+1 Redundancy connection
- Conformal coating on PCBAs to protect against common dust and chemical pollutants
- Hazardous Locations approval to ATEX and Class I, Div 2
- IP20 Certified



Typical Applications



Clx^{II}



DC-UPS Module

- Full corrosion resistant aluminium casing
- Suitable for 24V system up to 40A
- Built-in diagnostic monitoring for DC OK, Discharge and Battery Fail by relay contacts
- LED indicator for DC OK, Battery Fail, DC Input, Battery Reverse Polarity and Battery Discharge
- High MTBF > 500,000 hrs per Telcordia SR-332
- Conformal coating on PCBAs to protect against common dust and chemical pollutants



Typical Applications



Clx^{II}



Buffer Modules

- Minimum buffering time of:
 - 250ms @ 24V/20A for DRB-24V020AB□
 - 200ms @ 24V/40A for DRB-24V040ABN
- Flexible operating buffering voltage modes:
 - Fixed mode at 22Vdc; Dynamic mode for V_{in}-1V
- Support parallel connection to extend buffering time
- Conformal coating on PCBAs to protect against common dust and chemical pollutants
- Hazardous Locations approval to ATEX and Class I, Div 2 for DRB-24V020ABA



Typical Applications



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October 2016 - All information and specifications are subjected to change without prior notice.