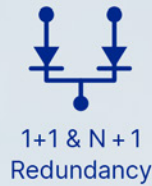
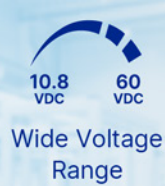


DIN Pro Series Redundancy Module

80 A Redundancy for Ultimate Reliability and Backup



Industrial Power Supplies

Delta's New 80A DIN Pro Series Redundancy Module Optimizes Reliability and Backup for Industrial Systems

As reliable operation is essential for modern industrial applications, Delta's presents the new DIN Pro Series redundancy module DRR-80AF model that delivers up to 80 A output power, supporting both 1+1 and N+1 redundant power configurations. Equipped with built-in ORing MOSFET technology, it minimizes power loss while delivering seamless fault decoupling, ensuring a consistent, reliable DC supply. It is therefore the ideal choice for demanding applications such as factory automation, robotics, semiconductor equipment, and cooling distribution units (CDUs) in data centers.

The DRR-80AF model offers exceptional system flexibility with a wide 10.8 – 60 V_{DC} input/output range accommodating 12 V, 24 V, and 48 V applications. This robust unit also withstands up to 200% power boost from front-end supplies

during high inrush start-ups. Additionally, its dual-channel DC OK LED indicators and built-in alarm relay facilitate effortless power status monitoring.

Tailored for demanding industrial environments, this resilient module sustains full output up to 70°C and operates across a wide temperature range from -40°C to +80°C. Its conformal-coated PCBA shields internal components from dust and chemical contaminants. Certified to IEC/EN/UL 62368 and IEC/UL 61010 standards. Furthermore, the DRR-80AF model complies with ATEX II 3 G (Zone 2) standards for use in hazardous locations. This resilient module ultimately safeguards maximum system uptime and smooth operational continuity.

Product Information

Modules > DIN Pro Redundancy Module Series

80 A



DRR-80AF

80 A / 10.8 – 60 V_{DC}

<https://psu.deltaww.com/en/products/modules/DRR-80AF>

- Please contact your local sales representative for product availability. Alternatively, you may leave us a message and our sales representative shall get back to you.

Features

- Supports 1+1 & N+1 redundancy configurations
- Deploys ORing MOSFETs for seamless fault decoupling
- Versatile input and output range from 10.8 – 60 V_{DC}
- Withstands up to 200% power boost from front-end supplies
- Built-in 2 channel DC OK LED and alarm relay
- Wide operating temperature -40°C ~ 80°C
- Conformal coating on PCBA protects against dust and chemical pollutants
- Certified to IEC/EN/UL 62368 and IEC/UL 61010 standards
- ATEX Zone 2 (II 3 G) certified for hazardous locations

Applications



Factory Automation



Robotics



Semiconductor Equipment



Cooling Distribution Units (CDU)