

Interconnects and power: System power supplies

Emerson Network Power

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ADN-C DIN Rail Mount Industrial Power Supplies

The ADN-C Series features a new slim form factor (50 to 87 mm wide), high operating efficiency (> 90%) and active Power Factor Correction (PFC > 0.92). To ensure high reliability, the ADN-C Series is comprehensively protected against continuous short-circuit and overload conditions, has a high Demonstrated Mean Time Between Failures (DMTBF) of over 450 kHr and offers a wide operating temperature range of -10 °C to +60 °C without derating.

Other attributes include: PowerBoost™ overload capability to withstand high inrush loads, such as motors, relays, solenoids and DC-DC converters, which can cause ordinary power supplies to fold back or shut down; a patented DIN rail mounting clip that enables tool-free snap-on mounting specially designed for industrial environments; three LEDs on the front of the case for status monitoring; large accessible screw terminal connections; and a single/parallel operation toggling switch for enhanced scalability.



FEATURES

- › Slim form factor (from 50 mm)
- › Highly efficient > 90% switching technology
- › Meets UL 508, UL 60950-1, IEC 60950, Class I, Div 2 Hazardous Locations, EN 61000-3-2 and SEMI F47 Sag Immunity
- › Adjustable voltage and power factor correction
- › Parallel redundant operation
- › High MTBF and reliability with five-year warranty

For more information, contact: TechSupport.EmbeddedPower@Emerson.com

www.embedded-computing.com/p41669