

SDN-P DIN Rail Series

The SDN DIN Rail power supplies provide industry leading performance. Sag Immunity, transient suppression and noise tolerant, the SDN series ensures compatibility in demanding applications. Power factor correction to meet European directives, hazardous location approvals and optional redundant accessories allow the SDN series to be used in a wide variety of applications. Wide operation temperature range, high tolerance to shock and vibration and reliable design make the SDN series the preferred choice of users.

Applications

- Industrial/Machine Control
- Process Control
- Conveying Equipment
- Material Handling
- Vending Machines
- Packaging Equipment
- DeviceNet™
- Amusement Park Equipment
- Semiconductor Fabrication Equipment

Features

- Power Factor Correction (per EN61000-3-2)
- Auto Select 115/230 Vac, 50/60 Hz Input
- Improved metal mounting clip
- DC OK Signal
- Adjustable Voltage
- Parallel Capability standard on all units
- Industrial grade design
 - -10°C to 60°C operation without derating. Indefinite short circuit, overvoltage and overtemperature protection.
 - Powers high inrush loads without shutdown or foldback
 - Rugged metal case and DIN connector
- Narrow width on rail for space critical applications
- User-friendly front panel
 - Large, rugged, accessible, multiple connection screw terminations
 - Easy installation
- 12 Vdc and 48 Vdc single phase models available
- Highly efficient >90% switching technology
- High MTBF and reliability

Accessories

- Chassis Mount Bracket (SDN-PMBRK2)

* Refer to user manual for installation requirements when used in hazardous locations.



Certifications and Compliances *

All Models

- **cUL** US Listed, Ind. Control Equipment, E61379
 - UL 508, CSA C22.2 No. 107.1
- **cUL** US UL Recognized Component, ITE, E137632
 - UL 60950-1/CSA C22.2 No. 60950-1, 2nd Edition
- **cUL** US UL Recognized Component, Haz. Loc., E234790
 - ISA 12.12.01, CSA C22.2 No. 213
 - Class I, Division 2, Groups A, B, C, D
- **CE** - Low Voltage Directive
 - IEC/EN60950-1, 2nd Edition
- Sag Immunity: SEMI F47
- RoHS Compliant

Models SDN 2.5-24-100P, SDN 4-24-100LP

- Class 2 per UL 1310, CSA C22.2 No. 223

Models SDN 2.5-24-100P, SDN 4-24-100LP, SDN 5-24-100P, SDN 10-24-100P

- **Ex** ATEX Directive
 - EN50021, **Ex** II 3 G, Ex nC IIC Gc

Related Products

- SDP™ Series
- SCP Series
- SCL Series
- SDU UPS