DIN Rail Power Supply
Solutions

ASI
Your Source for Automation Components

AC/DC

DC/DC

DC-UPS

Quality
Selection
Price

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DIN Rail Power Supply
Solutions

ASI is a "powerhouse" when it comes to providing DIN rail power supplies, DIN rail DC/DC converters, DIN rail AC/DC UPS, DC/DC UPS, DC UPS Packages, Redundancy modules, and power distribution solutions. For over 22 years we have been providing high quality, reliable and competitive single, split and three phase input with 5, 12, 15, 24, 48, and 72Vdc output, DIN rail power supplies. Our selection of over 100 power supplies includes the most compact 24Vdc, 120W DIN rail power supply and the most powerful 24Vdc, 100 Amp DIN rail power supply on the market. The ASI power supplies have proven reliability in a wide range of applications and industries that demand high performance including:

- Factory Automation Systems
- Packaging Machinery
- Assembly Equipment
- Telecommunications Equipment
- Solar & Wind Power Systems
- Chemical Processing Systems
- Material Handling Equipment & Systems

With features that enhance your design, reliability that you can count on and pricing that keeps you competitive, ASI power supply solutions are the answer to your application.

Why ASI?

ASI has a proven track record of supplying high quality competitive products for over *22 years* to over *15,000 companies* throughout North America. You can count on **ASI** to be there with:

Availability	**ASI** meets customer promise dates over **95%** on-time.
Quality	**ASI** products are comprised of features, materials and specifications that are equal to the best on the market, but at significant savings.
Selection	**ASI** offers over **15,000** products on our comprehensive **B2B** website with thousands more available upon request. We offer hundreds of **NEW** products each year.
Approvals	**ASI** products are used internationally and boast approvals and are compliant with UL, CSA, ATEX, VDE, KEMA, ETL, CCC, RoHS, CE and REACH to name a few.
Savings	Our customers tell the story, on average, feedback confirms that **ASI** will save you at minimum **20-50%** when compared to similar products.

5V DIN Rail Mount Power Supplies

The 5V DIN rail power supplies feature a low profile compact model, ASINPSM20-5 and an industrial high current model, the ASINPSM85-5.The ASINPSM20-5 5Vdc DIN rail power supply features class 2 isolation which eliminates the need for a ground connection thus reducing installation time and cost. UL508 Listed.

Item:	Description:
ASINPSM20-5	5V Din Rail Power Supply, Output 5Vdc, 4.0A, 20 Watt, Input 120V, Compact, UL508
ASINPSM40-515	5-15V Din Rail Power Supply, Output 5-15Vdc, 4.0A, 40 Watt, Input 120V, Compact, UL508
ASINPSM85-5	5V Din Rail Power Supply, Output 5Vdc, 4.0A, 80 Watt, Input 120V, Compact, UL508

12V DIN Rail Mount Power Supplies

We offer a 12Vdc output DIN rail power supply for just about any application imaginable. Our selection includes low-profile compact models, industrial & premium feature models, 1.2A to 100A output models and single, split and three phase input models. UL508 Listed.

Item:	Description:
XCSD1015W012VAA	12V Compact DIN Rail Power Supply, 85-264Vac/100-370 Vdc Input, UL508 Listed, 1.2 Amp Output, 15 Watt, Class 2, IP20
ASINPSM20-12	12V DIN Rail Power Supply, Output 12Vdc, 1.65A, 20 Watt, Input 120V, Low Profile Compact Housing, Class 2 Isolation Eliminates Ground Wire
XCSD1030W012VAA	12V Compact DIN Rail Power Supply, (Adjustable from 5-15 Vdc), 85-264Vac/100-370 Vdc Input, UL508 Listed, 4-2 A Output, 30 Watt, Class 2, IP20
ASINPSM241-12	12V Ultra Compact DIN Rail Power Supply, Adjustable Output 12-15Vdc, 15A, 240W, 120-240Vac Input, Alarm Contact, Pluggable Connections, LED Status

More options for 12V power supplies can be found on our web site.

24V DIN Rail Mount Power Supplies

With over 40 models to select from you can find single, split and three phase input, 1 Amp up to 100 Amp output, low profile, compact, and programmable 24Vdc DIN rail power supplies. Our 120W, 5A output model is only 1.4" wide, the smallest in the industry, and the output voltage can be adjusted from 12Vdc to 24Vdc. Whether you require an economy or full featured premium 24Vdc DIN rail power supply, ASI has your solution.

Item:	Description:
XCSF120C	24 Vdc Power Supply DIN Rail, 5 Amp, Single Phase, 90 to 264 Vac/100-370 Vdc Input
XCSD1015W024VAA	24 Vdc Compact DIN Rail Power Supply, Single Phase, 85-264Vac/100-370 Vdc Input, UL508 Listed, 0.6 Amp Output, 15 Watt, Class 2, IP20
XCSF85C	24 Vdc Power Supply DIN Rail, 3.5 Amp, 85 Watt, Single Phase, 90 to 264 Vac/100 to 370 Vdc Input
XCSL1072W024VAA	24 Vdc (Adjustable from 16 to 28Vdc), 85-264Vac/100-370 Vdc Input, 3 Amp Output, 72 Watt, IP20, UL62368-1 Recognized
XCSW121C	24 Vdc Power Supply DIN Rail, 5 Amp, 120 Watt, Single and Split Phase, 187 to 550 Vac Input
ASINPSM121-24	Single Phase, 90-264 VAC VDC Input, 24V, Adjustable 11.5-28.5 VDC, 5A output
ASINPSM481-24	Compact, Single Phase, 90-264 Vac/110-345 Vdc Input, 24 Vdc, Adjustable 22-29 Vdc, 20A output

More options for 24V power supplies can be found on our web site.

48V DIN Rail Mount Power Supplies

The range of 48 volt DIN rail power supplies includes 120W, 240W, 480W, 960W and a full featured 2400W model. We offer 48 volt DIN rail power supplies with Modbus RTU communication capability, models for parallel set-up and fully programmable models.

Item:	Description:
XCSF120DP	48Vdc DIN Rail Power Supply for DC Motors, Single Phase 90-264 Vac Input, 48 Vdc Output, 2.5 Amp Output
ASINPSM121-48	48Vdc Power Supply, Space Saving, Single Phase, 90-264 Vac/110-345 Vdc Input, 48 VDC, Adjustable 22 - 55 Vdc, 2.5 A output
ASINPSM481-48	48Vdc Single Phase, 90-264 Vac/110-345 Vdc Input, 48 Vdc Adjustable 45 to 55 Vdc, 10A Output
XCSL1480W048VAA	48 Vdc (Adjustable from 40.5 to 55.5Vdc), 85-264Vac/100-370 Vdc Input, 10 Amp Output, 480 Watt, IP20, UL Pending
XCSW241DP	Suitable for SELV and PELV use, Single; Split or Three Phase, Output 48 Vdc, 5 A, Input 185-550 Vac, 240 W
XCSF120DP	DIN Rail Power Supply for DC Motors, Single Phase 90-264 Vac Input, 48 Vdc Output, 2.5 Amp Output

More options for 48V power supplies can be found on our web site.

72V DIN Rail Mount Power Supplies

The 72Vdc DIN rail power supplies from ASI are designed to work in demanding industrial applications such as with DC motors that require the higher 72 volt output. These 72 volt DIN rail power supplies are available with a single phase 120Vac input, a wide range 187-550Vac single, split and three phase input or a 3 phase 480Vac input.

Item:	Description:
XCSL1480W072VAA	72 Vdc (Adjustable from 62.5 to 81Vdc), 85-264Vac/100-370 Vdc Input, 6.6 Amp Output, 480 Watt, IP20, UL Pending
ASINPSM241-72	72 Vdc Ultra Compact DIN Rail Power Supply, Adjustable Output 70-85Vdc, 3.3A, 120-240Vac Input, Alarm Contact, Pluggable Connections
ASINPSW480-72	72 Vdc, 1-2-3 Phase DIN Rail Power Supply, 70-85Vdc, 6 Amp, Active PFC, Pluggable Connections
XCSL3480W072VAA	72 Vdc (Adjustable from 60 to 81Vdc), 340-550 Vac Input, 6.6 Amp Output, 480 Watt, IP20, UL Pending
XCSW481G	72Vdc Single, Split or Three Phase, Suitable for SELV and PELV use, Output 72 Vdc, 6 A, Input 185-550 Vac, 480 W

More options for 72V power supplies can be found on our web site.

High Current Programmable Power Supplies

If you need high power, look no further than the XCSG 2401 series from ASI. These fully programmable, feature rich high current power supplies are available with outputs of 12Vdc-24Vdc, 24Vdc-48Vdc, 72Vdc and 110Vdc-170Vdc. Features include battery charger function, remote shutdown, remote sensing, RS232 communication, temperature monitoring, alarm functions and more.

Item:	Description:
XCSG2401R	Programmable, Three Phase, Output 100Vdc, 110Vdc, 170Vdc, 14A, 2400W, Input 340-550Vac.
XCSG2401C	12-24V DIN Rail Power Supply, Three Phase, 340-550Vac Input, 12-12Vdc Output, Battery Charger, Alarm Contacts, Remote Monitoring
XCSG2401D	Programmable, Three Phase, Output 24-48Vdc, 2400W, Input 340-550Vac, 50 Amp Output
XCSG2401G	Programmable, Three Phase, Output 72Vdc, 33A, 2400W, Input 340-550Vac.

1.2-24 Volt Linear Power Supplies

The XCL1R and the XCL5R are two convenient DIN rail mounted linear power supplies that take a low voltage 12-24Vac input and provide a 1.2 to 24Vdc output. These linear DIN rail power supplies are ideal for small loads with non-standard DC voltage requirements.

Item:	Description:
XCL1R	24V Linear DIN Rail Power Supply, 0.3 to 1.5 Amp, 36 Watt, Single Phase, 9 to 26 Vac Input, Adjustable Output from 1.2 to 24 Vdc
XCL5R	24 Vdc Linear Power Supply DIN Rail, 0.8 to 5 Amp, 120 Watt, Single Phase, 9 to 26 Vac Input

DC/DC Converters

We offer space saving DIN rail mount DC to DC converters with a wide range input, short circuit, overload, input and output over-voltage and over temperature protection circuits. Models are available for 12-24Vdc, 24-12Vdc, 24-24Vdc, 48-24Vdc and 110-24Vdc conversion.

Item:	Description:
XCSA120BC	12 Vdc to 24 Vdc converter, DIN rail, 5 Amp, 120 Watt, Short Circuit, Overload and Over temperature Protection, Compact
XCSA120CB	24 Vdc - 12-15 Vdc DC to DC Converter, DIN Rail, Regulated Output, 120 W output power
XCSA120CC	24 Vdc to 24 Vdc Converter, DIN Rail, Regulated Output, 5 Amp, 120 Watt, Pluggable Connections, Screw Clamp
XCSA120DC	48 Vdc to 24Vdc DC to DC Converter, 48 Vdc Input, 24 Vdc Regulated Output, 120 W output power
XCSA240FC	24Vdc DIN Rail Mounted DC/DC Converter, 110 Vdc Input, Regulated Output, 240 Watt output power

DIN Rail DC UPS

ASI offers a range of industrial DC UPS options including a low cost basic DC UPS module, general purpose industrial DC UPS, compact full function DC UPS and user programmable, feature rich DIN rail DC UPS. They are available with 12Vdc, 24Vdc or 48Vdc outputs up to 20 amps. The DCU20 and DCW20 feature a color graphic display, user programming buttons, and many features.

Item:	Description:
XCSBC	6-29.5 Vdc DIN Rail Power Supply Redundancy Module and Battery Charger, 60 Watt, 10 Amp Output, 6-30 Vdc Input
ASINUPS12	12V DIN Rail UPS, 10 Amp, Pluggable Connections, Remote Alarm Contact, 5 LED Status Indicators, Battery Protection Fuse
ASINUPS24	24V DIN Rail UPS, 10 Amp, Pluggable Connections, Remote Alarm Contact, 5 LED Status Indicators, Battery Protection Fuse
ASINUPS960-24	24V DIN Rail UPS, 40 Amp, Pluggable Connections, 3 Alarm Contacts, 3 LED Status Indicators, Max Battery Capacity 40Ah
XCSU5240W024VAA	12Vdc-24Vdc, 12Vdc - 20A or 24Vdc - 10A Output, Microprocessor Controlled, Battery Start-up Mode, Alarm Contact, LED Status Indicators. For 1.2Ah to 40Ah batteries. Max 60Ah batteries.
ASIDCU20	12Vdc-24Vdc, 20 Amp Output,Microprocessor Control,Color LCD Display, Programming Buttons, USB Port, Pluggable Connections
ASIDCW20	12Vdc-48Vdc, DC UPS, and DC to DC Converter,20 Amp Output,Microprocessor Control,Color LCD Display, Programming Buttons, USB Port
XCSU120S	12Vdc-24Vdc, 5 Amp Output,Microprocessor Control,RS485 Modbus Communication,Remote Alarm, Status LED
XCSU240S	12Vdc-24Vdc, DIN Rail DC UPS,10 Amp Output, Microprocessor Control, RS485 Modbus Communication, Remote Alarm Signal

Visit our web site for our full line of DIN rail DC UPS.

DIN Rail Battery Pack

To complete your DIN rail DC UPS we offer a very convenient enclosure that will accept 2 batteries, provide 12V or 24V output and mount on a DIN rail It features pluggable connections and an integrated self-resettable fuse.

Item:	Description:
ASINBP30	DIN Rail Mounted Battery Holder Module with screw clamp wire terminations. Batteries are not included.
ASINBP30-2B	DIN Rail Battery Pack, Compact Sealed Battery Module for 12Vdc or 24Vdc UPS applications, batteries included

Complete DC UPS Packages

To make it easy for you ASI has put together several DC UPS packages which include the DC UPS, the power supply and the battery pack for a complete DIN rail solution. Simply order one part number and receive everything that you require for your DC UPS application

Item:	Description:
XCSBC-K101	Low Power, 24V, 3A, Economy DC UPS Package
DCU20-K101	Intelligent 12-24V, 10A, High Performance DC UPS Package
DCW20-K101	Intelligent 12-24-48V, 20A, High Performance DC UPS Package
NCU120-24-K101	Space Saving, Integrated AC/DC 24V, 5A, DC UPS Package
NUPS24-K101	General Purpose 24V, 5A, Industrial DC UPS Package

Redundancy Modules

The power supply redundancy modules are used to reliably and safely connect power supplies without protection diodes together in parallel or redundant operation. These power supply redundancy modules will work with 12 volt, 24 volt or 48volt DC power supplies. The 3 models of parallel connection power supply modules are for power supplies up to 15, 20 or 50 amps.

XCSBD
Selectable 12/24/48 Vdc
Up to 15 Amps

ASIOR20
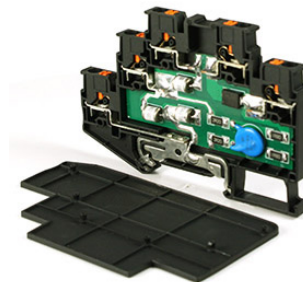12- 85 Volts
Up to 20 Amps

ASIOR50
CPU Controlled
Up to 50 Amps

Power Protection Solutions

When dealing with power applications you must always consider protection from overloads or voltage surges" ASI offers a wide range of AC and DC circuit breakers, Molded Case Circuit Breakers, Fuse Holders and SPD's, Surge Protection Devices. Request our Circuit Protection Brochure to see the wide range of power protection solutions we now offer.
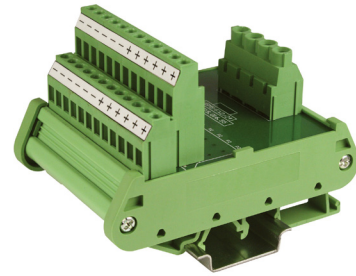
Power Distribution
Solutions

DIN Rail Mount Power Distribution Module
This space saving Power Distribution Module mounts easily onto DIN rail for quick trouble free installation complete with two sets of 12 terminals accessible on the module.

Item:	Description:
ASI471078	Power Distribution Module, 250 Vac/dc, 30A up to 12 DC Circuits

QBlok Power Distribution Blocks
The new QBLOK series of power distribution blocks is a family of power distribution terminal blocks that are single pole, DIN rail or panel mount with a unique interlocking feature.
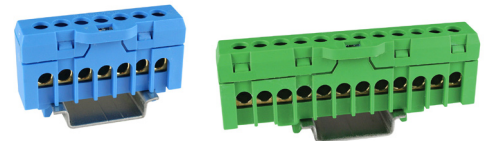
Item:	Description:
QBLOK1P160	Power Distribution Terminal Block, 1 Pole, 160 Amps, 2 input and 5 Output terminals, DIN Rail Mount, IP20, cULus Recognized
QBLOK1P250	Power Distribution Terminal Block, 1 Pole, 250 Amps, 2 Input and 9 Output Terminals, DIN Rail Mount, IP20, cULus Recognized
QBLOK1P400	Power Distribution Terminal Block, 1 Pole, 310 Amps, 2 Input and 9 Output Terminals, DIN Rail Mount, IP20, cULus Recognized

DIN Rail Mount Busbar Modules
Single and Multiple Strip Power Distribution Terminal Block for neutral and ground are an easy to use way to connect wires. These QBlok® power distribution strips are fully insulated.

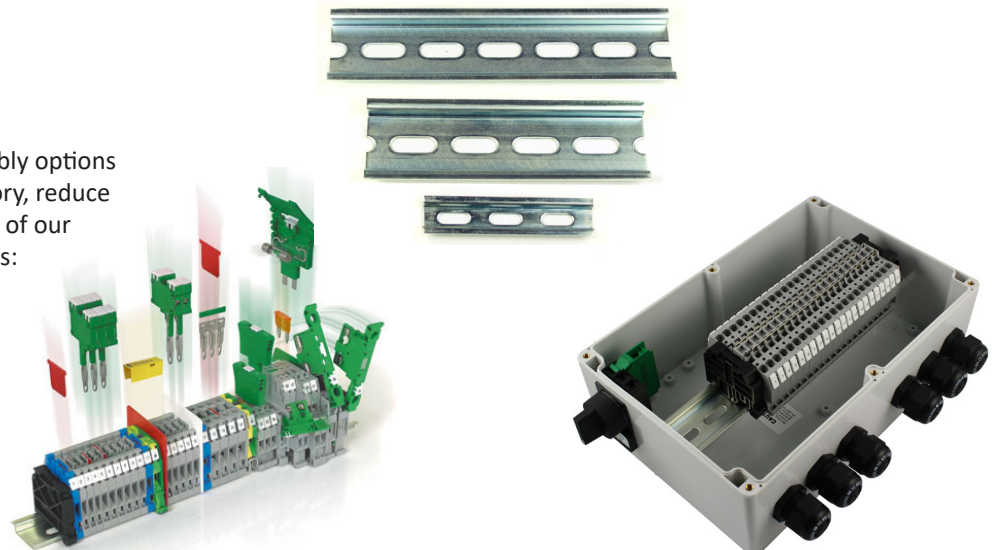| Item:	Description:
QBLOK7001	Neutral Distribution DIN Rail Mounted Connection Module, 8 AWG, Blue, 7 connections
QBLOK1202	Ground Distribution DIN Rail Mounted Connection Module, 8 AWG, Green, 12 connections
QBLOK2100	Power Distribution Module, 2 Bar, 100 Amps, 1000 Volts, 7 Connection points per bar
QBLOK4100	Power Distribution Connection Module, 4 bar, 100 Amps, 7 connection points per bar

Value Added
Products

We guarantee to save you money on our assembly options which allow you to reduce costs, reduce inventory, reduce labor and reduce lead-time. Here are just a few of our more popular value added products and services:

Custom DIN Rail Assemblies

Custom Cut DIN Rail

Custom Junction Boxes

Universal Thermal Printer
MarkinGenius MG3

The **MarkinGenius MG3** is a terminal block marking system that is a universal thermal print system for industrial labeling. This terminal marker printer is capable of printing indelible, high resolution fonts and graphics on cable and wire markers, terminal block markers and tags, panel legend plates and nameplates.

Industrial Labeling System
SmartPrint

The **SmartPrint** industrial labeling system is a high speed thermal transfer technology printer that can handle every possible equipment, wiring, terminal block, panel component and name plate labeling application. The quiet and clean operation of the **SmartPrint** universal print system ensures that you can set up your print jobs in any part of your facility.

Look to ASI for other solutions.

Terminal Blocks   **Interface Modules**   **DIN Rail**   **Circuit Protection**   **Enclosures**

Automation Systems Interconnect, Inc

Innovative Interconnect and Interface Solutions

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