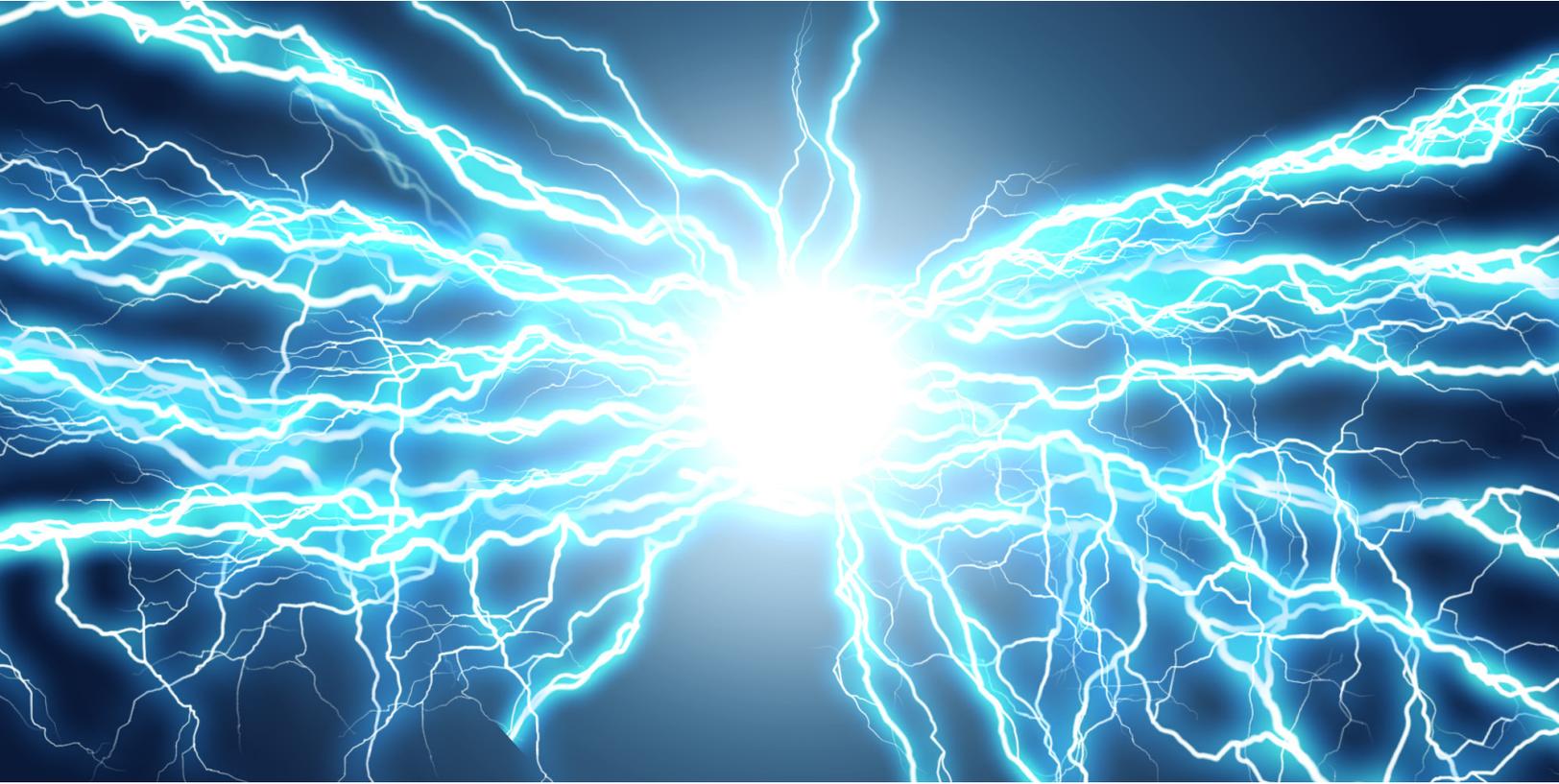
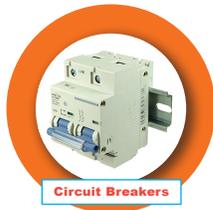


Circuit Protection Solutions

ASI
Your Source for Automation Components



Molded Case



Circuit Breakers



Ground Fault



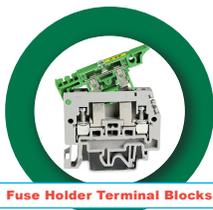
PCB Fuse Holders



Panel Mount



Surge Protection



Fuse Holder Terminal Blocks



Midget Fuse Holders

Quality
Selection
Price

Call Toll-Free
877-650-5160

Live Support Online
www.SourceASI.com

Circuit Protection Solutions

The range of circuit protection products from ASI is one of the broadest in the industry, including DIN rail mounted molded case circuit breakers, miniature circuit breakers, panel and rack mounted circuit breakers, ground fault circuit breakers, fuse holders, and fuse terminal blocks.

We also offer a wide range of terminal blocks equipped with blocking diodes, MOV's and gas tubes. A complete offering of surge protection modules, which are used to protect against damage from lightning generated transient voltages in power and in control circuits, are now available. With the emergence and growth of the solar industry and others that operate with DC voltages we offer a wide selection of DC circuit breakers and fuse blocks for the types of circuits found in inverters and stringer boxes.



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.



UL1077 High Density Circuit Breakers

These miniature circuit breakers come in amperages ranging from 1 amp to 63 amps and in one, two and three pole. These reliable breakers provide a finger safe screw clamp wire terminations.

Item:	Description:
NDB5-J41-1P	Miniature DIN Rail Mounted AC Circuit Breaker, 1 pole, UL1077, 1 A, 240 Vac, Medium Trip Curve
NDB5-J41-2P	Miniature DIN Rail Mounted AC Circuit Breaker, 2 pole, UL1077, 1 A, 240/480 Vac, Medium Trip Curve
NDB5-J41-3P	Miniature DIN Rail Mounted AC Circuit Breaker, 3 pole, UL1077, 1 A, 240/480 Vac, Medium Trip Curve
QZ113D20.5	Miniature DIN Rail Mounted AC Circuit Breaker, 1 pole, UL, #2 Trip Curve, 277 Vac, 0.5 A
QZ213D201	Miniature DIN Rail Mounted AC Circuit Breaker, 2 pole, UL, #2 Trip Curve, 277/488 Vac, 1 A
QZ313D201	Miniature DIN Rail Mounted AC Circuit Breaker, 3 pole, UL, #2 Trip Curve, 277/488 Vac, 1 A

More options for UL1077 High Density Breakers can be found on our web site.



UL1077 Standard Circuit Breakers

UL1077 miniature circuit breakers are used to provide supplementary protection against overcurrent, over voltages and undervoltages. ASI supplies 1, 2 or 3 pole breakers with B, C or D trip curves and are available in 1 - 63 Amps versions.

Item:	Description:
NDB2-63C1-1	1 pole, 1 Amp, 240 Vac, 60 Vdc, C Trip Curve, UL1077, 18 mm Wide, 18 to 2 AWG, 10kA Interrupt Capacity
NDB2-63C1-2	2 pole, 1 Amp, 480 Vac, 125 Vdc, C Trip Curve, UL1077, 36 mm Wide, 18 to 2 AWG, 10kA Interrupt Capacity
NDB2-63C4-3	3 pole, 4 Amp, 240/480 Vac, C Trip Curve, UL1077, 54mm Wide, 18 to 2 AWG, 10kA Interrupt Capacity

More options for UL1077 Standard Breakers can be found on our web site.



UL489 Breakers High Density

These industrial circuit breakers provide branch circuit protection for 120 Vac and 240 Vac applications. Our breakers range in size from 1, 2, or 3 pole with a fast, medium or long trip curve option.

Item:	Description:
QL113DMKM.5	UL 489 Circuit Breaker, 120 V, 0.5 Amp, 1 pole, Medium Trip Curve, 13 mm Wide, 10kA Interrupt Capacity
QL313DMKM02	UL 489 Circuit Breaker, 240 V, 2 Amp, 3 Pole, Medium Trip Curve, 39 mm Wide, 5kA Interrupt Capacity
QL213DMKM10	UL 489 Circuit Breaker, 240 V, 10 Amp, 2 Pole, Medium Trip Curve, 26 mm Wide, 5kA Interrupt Capacity

More options for UL489 High Density Breakers can be found on our web site.



UL489 Branch Breakers

UL489 branch breakers provide the branch circuit protection needed for industrial applications. Each one is tested 3 times to 100% reliability. These breakers range from 1, 2, 3 pole and from 1 Amp to 63 Amps.

Item:	Description:
NDB2T-63C1-1L	1 pole, 1 Amp, 240-480 Vac/60-125 Vdc, C Trip Curve, 36 mm Wide, 10kA Interrupt Capacity
NDB2T-63C1-2L	2 pole, 1 Amp, 240-480 Vac/60-125 Vdc, C Trip Curve, 36 mm Wide, 10kA Interrupt Capacity
NDB2T-63C1-3L	3 pole, 1 Amp, 240-480 Vac/125 Vdc, C Trip Curve, 54 mm Wide, 10kA Interrupt Capacity

More options for UL489 Branch Breakers can be found on our web site.



UL489 DC Breakers High Density

The QY series of 13mm DIN rail circuit breakers provide the same functionality as the wider circuit breakers in protecting the wire from overloads, short circuits and over temperature interruptions. The QY series are 1 and 2 pole and range from 1 Amp to 50 Amp.

Item:	Description:
QY113DMU201	Miniature DIN Rail Mounted DC Circuit Breaker, 1 pole, UL489A, 1 A, 80 Vdc, Medium Trip Curve
QY213DMU225	Miniature DIN Rail Mounted DC Circuit Breaker, 2 pole, UL489A, 25 A, 125 Vdc, Medium Trip Curve

More options for UL489 DC High Density Breakers can be found on our web site.



UL1077 DC Circuit Breakers

NDB2Z DC circuit breakers provide supplemental circuit protection for single or split phase industrial applications requiring a current rating from 1 to 63 amps. Each DC breaker is factory tested 3 times to 100% efficiency.

Item:	Description:
NDB2Z-63C10-1	10 Amp, 1 Pole, 125 Vdc DC DIN Rail Circuit Breaker, C Trip Curve, UL1077
NDB2Z-63C63-1	63Amp, 1 Pole, 125 Vdc DC DIN Rail Circuit Breaker, C Trip Curve, UL1077
NDB2Z-63C1-2	1 Amp, 2 Pole, 125 Vdc DC DIN Rail Circuit Breaker, C Trip Curve, UL1077
NDB2Z-63C63-2	63 Amp DC Circuit Breaker DIN Rail Mounted, 2 pole, UL1077, 250 Vdc, C Trip Curve

More options for UL1077 DC Breakers can be found on our web site.



Ground Fault Circuit Breakers

The ASI GFCI circuit breaker is also referred to as a Residual Current Device (RCD) or a Residual Current Circuit Breaker (RCCB). The NDB1L Series range from 6 Amp to 32 Amps.

Item:	Description:
NDB1L-32C-6-120V	6 Amp Ground Fault Circuit Breaker, DIN Rail Mount, 30mA Earth Leakage Limit, 1 Pole + Neutral, 120 Vac, C Trip Curve, UL1053
NDB1L-32C-32-120V	32 Amp Ground Fault Circuit Breaker, DIN Rail Mount, 30mA Earth Leakage Limit, 1 Pole + Neutral, 120 Vac, C Trip Curve, UL1053
NDB1L-32C-6-240V	6 Amp Ground Fault Circuit Breaker, DIN Rail Mount, 30mA Earth Leakage Limit, 1 Pole + Neutral, 240 Vac, C Trip Curve, UL1053
NDB1L-32C-32-240V	32 Amp Ground Fault Circuit Breaker, DIN Rail Mount, 30mA Earth Leakage Limit, 1 Pole + Neutral, 240 Vac, C Trip Curve, UL1053

More options for Ground Fault Circuit Breakers can be found on our web site.



High Current Circuit Breakers

The NDB1 High Current Circuit Breakers are UL1077 Recognized. These thermal-magnetic circuit breakers range from 50 to 125 Amps. Available in 1, 2, 3, and 4 pole models and either an industry-standard C or D Trip Curve.

Item:	Description:
NDB1-125C50-1	50 Amp DIN Rail Circuit Breaker, 1 Pole, UL1077, C Trip Curve, 240 Vac/60 Vdc
NDB1-125C80-2	80 Amp DIN Rail Circuit Breaker, 2 Pole, UL1077, C Trip Curve, 240 Vac/60 Vdc
NDB1-125C125-2	125 Amp Circuit Breaker, DIN Rail Mount 2 Pole, UL1077, C Trip Curve, 240 Vac/60 Vdc
NDB1-125C50-3	50 Amp DIN Rail Circuit Breaker, 3 Pole, UL1077, C Trip Curve, 480 Vac/60 Vdc
NDB1-125C125-4	125 Amp DIN Rail Circuit Breaker, 4 Pole, UL1077, C Trip Curve, 480 Vac/60 Vdc

More options for High Current Circuit Breakers can be found on our web site.



UL489 and UL1077 Panel Mount Circuit Breakers

NDB3-30 series is an easy-to-install, snap-in panel mount, circuit breaker family ideal for applications ranging from 1 to 30 amps in DC voltages up to 80 volts and AC up to 250 volts.

Item:	Description:
NDB330Z42-1QHY110L	Snap-in panel mount, hydraulic magnetic DC Circuit breaker, Medium Trip Curve, 1 pole, 2 amp
NDB330Z430-1QHY110L	Snap-in panel mount, hydraulic magnetic circuit breaker, AC trip, 1 pole, 30 amp

More options for UL489 and UL1077 Panel Mount Breakers can be found on our web site.



Rack Mount Circuit Breakers

The NDB3-100 is a robust line of panel or rack mount hydraulic magnetic circuit breakers that can be screw, snap-in or plug mounted. Available in one, two or three poles and in a range of 1 to 100 amps the NDB3-100 fits just about any application.

Item:	Description:
NDB3100Z41-1LSS1A0L	Panel-Rack screw mount, hydraulic magnetic DC Circuit breaker, Medium Trip Curve, 1 pole, 1 amp
NDB3100Z41001LSS1A0L	Panel-Rack screw mount, hydraulic magnetic DC Circuit breaker, Medium Trip Curve, 1 pole, 100 amp
NDB3100Z450-2LSS1A0L	Panel-Rack screw mount, hydraulic magnetic DC Circuit breaker, Medium Trip Curve, 2 pole, 50 amp
NDB3100Z41002LSS1A0L	Panel-Rack screw mount, hydraulic magnetic DC Circuit breaker, Medium Trip Curve, 2 pole, 100 amp

More options for Rack Mount Breakers can be found on our web site.



Molded Case Circuit Breakers

The Susol family of molded case circuit breakers is engineered for optimal protection and all MCCB's within this family of 2 and 3 pole molded case breakers are UL 489 Listed. Standard frame size make these breakers drop in replacements.

Item:	Description:
UTE100E-FTU-100-3P-LL-UL	100 Amp Thermal Magnetic Circuit Breaker MCCB 600 Volt UL489 100A Frame
UTS150N-FTU-40-3P-LL-UL	150A Frame, 35KA Interrupt Capacity, 3 pole, Line and Load-side lugs, Fixed Thermal and Magnetic Trip unit, 40A
UTS600N-FTU-500-3P-LL-UL	UL489, 600A Frame, 35KA Interrupt Capacity, 3 pole, Line and Load-side lugs, Fixed Thermal and Magnetic Trip unit, 500A
UTS1200N-NGO-800-3P-LL-UL	1200A Frame, 35KA Interrupt Capacity, 3 pole, Line and Load-side lugs, Adjustable Trip unit, 800A

More options for Molded Case Circuit Breakers can be found on our web site.



Mounted Fuse Holders, Midget & Class CC

The Midget Fuse Holders and Class CC Fuse Holders from ASI are available in a 1, 2, and 3 pole with or without blown fuse indication. Accepts Midget fuses (10x38mm) or Class CC.

Item:	Description:
AFB01F1P	10x38 Fuse Holder, 1 Pole, 30A, 600V, 18 to 8 AWG, UL, IP20
AFB01F3P	10x38 Fuse Holder, 3 Pole, 30A, 600V, 18 to 8 AWG, UL, IP20
AFB01G1P	Class CC Fuse Holder, 1 Pole, 30A, 600V, 18 to 8 AWG, UL, IP20
AFB01G3P	Class CC Fuse Holder, 3 Pole, 30A, 600V, 18 to 8 AWG, UL, IP20

More options for DIN rail mounted fuse holders can be found on our web site.

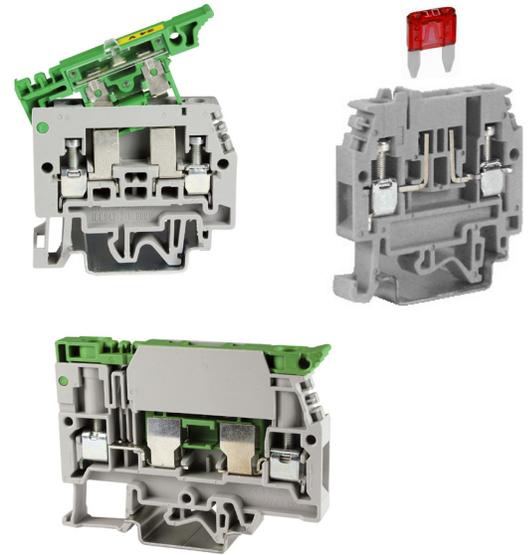


Fuse Terminal Blocks

ASI offers DIN rail fuse terminal blocks which accept both mini fuse and fuse cartridge holders for 5x20mm glass fuses.

Item:	Description:
SF900GR	5x20mm Fused Terminal Block, Screw Clamp Terminations, 20-12 AWG, 6.3 Amp, 600 Volt, 8 mm
ASIUK5HESI	Fuse Terminals for 5x20 mm fuses. DIN rail terminal block, lever style, without indication, Screw Clamp 30-10 AWG
DA200GR	Double Level, Screw Clamp Connection 5x20mm Fuse/Diode Holder and Feed-Through DIN Rail Mounted Terminal Block, 8 mm Wide, 12 to 10 AWG
SR300GR	Fuse Terminal Block with Lever, DIN Rail mount, Screw Terminations, 20-8 AWG
MF100GR	Accepts mini Blade/Cartridge Fuse, 6.3 Amps at 600 Volts, Screw Clamp Wire Terminations for 26 to 10 AWG wire, UL

Visit our website for more options of fuse holding terminal blocks.



PCB and Panel Fuse Holders

The PTF family of printed circuit board, panel mount and in line fuse holders accept 5x20mm glass fuses. These fuse holders are available in open clip styles, horizontal mount open clip styles with covers, and the popular silo or cylindrical type, where the slotted cap or finger grip cap serves as a fuse removal tool.

Item:	Description:
PTF-55	Fuse Holder Panel Mount for 5x20mm glass fuses, 15mm Screw Cap Bayonet Cover, 12mm Mount, 20 Amp, 250 Volt, UL
PTF-70	Panel Mount Fuse Holder for 5x20mm glass fuses, 15mm Bayonet Cover, 12mm Mount, 20 Amp, 250 Volt, UL
PTF-40	Panel Mount Fuse Holder with 15mm Slotted Cap with 22mm Faceplate, 5x20mm, 12mm Mount, 20 Amp, 250 Volt, UL
PTF-78	5x20mm Fuse Holder, Horizontal PCB Mount, 22.6mm Pin to Pin Spacing, No Center Tab, 10 Amp, 250 Volt, UL
PTF-50	PCB Fuse Holder for 5x20mm glass fuses, Cylindrical, Horizontal Mount, 33mm Long, 10mm Pin Spacing, 10 Amp, 250 Volt, UL
PTF-15	Fuse Clips 5x20mm glass fuses, Solder Tabs, Horizontal Mount, 22mm Pin to Pin Spacing, 10 Amp, 250 Volt, UL

Visit our website for a complete line of PCB and Panel fuse holders.



Other ASI Products with Circuit Protection

ASI has a number of products that are designed with circuit protection included. Our popular interface modules include one or two AC outlets and a circuit breaker. Many of these modules can be customized to fit your specific requirements.

Item:	Description:
IMACP01-CB5	DIN Rail Mounted Receptacle with Circuit Breaker, Grounded 3-Prong AC Outlet, 15 A, 125 Vac, 30-12 AWG, 5 Amp Circuit Breaker
RAI-CB-104-B	Through Panel Enclosed, Circuit Breaker, 5 Amp, Aluminum Housing with Locking Dust Cover, IP65 and NEMA 4x
RAI-GFCI-104-B	GFCI AC Outlet, Circuit Breaker 5A, Aluminum Housing with Locking Dust Cover, IP65, NEMA 4x



Surge Protection Solutions

Surge Protection for Power Circuits

Our devices are configured with a Protection Mode of Line-Neutral (Ground) and are available in variations of Maximum Continuous Operating Voltage (MCOV) ratings.

Item:	Description:
ASISP150-1P	Single Phase Surge Protector with Indication, DIN rail mount, 120 Vac, 2 wire, Screw Clamp Termination, UL1449 4th Edition
ASISP150-2P	Two pole, including base and pluggable surge protector module with visual indication, DIN rail mount, UL1449 4th Edition, 120 Vac, MCOV 150 Vac
ASISP150-3P	Three pole, including base and pluggable surge protector module with visual indication, DIN rail mount, UL1449 4th Edition, 208/120 Vac, MCOV 150 Vac
ASISP180-4P	Four pole, including base and pluggable surge protector module with visual indication, DIN rail mount, UL1449 4th Edition, 208/120 Vac, MCOV 180 Vac

Find more options for surge protection on our web site.



Industrial Ethernet Surge Protectors

Cat5, Cat5e and Cat6 Surge Protectors for Data Networks designed in accordance with IEC61643-21. Each Ethernet surge protector incorporates a gas discharge tube and transorb diodes which ensure up to 20kA protection per 8/20us curve.

Item:	Description:
ASID-05-RJ45H-8	Cat5 & Cat5e Surge Protector, 10/100/1000BaseT Networks, 5V/1A Rated, RJ45 Connectors, Aluminum Housing
ASID-24-RJ45H-8-D	Cat5 & Cat5e Surge Protector, 10/100/1000BaseT Networks, 24V/1A Rated, DIN Rail Mounted, RJ45 Connectors
ASID-48-RJ45H-8-POE	PoE Surge Protector, RJ45 Connections, 10/100BaseT Networks 8 Wire Positions, 0.5 Amp, 48 Vdc Nominal Voltage

Visit our web site for a complete line of Ethernet surge protection solutions.



Surge Protection Terminal Blocks

DIN Rail surge protection terminal blocks for installations at lightning protection zone OB-2 and higher. These devices can be applied in protection for 2 single wires of balanced interfaces within measuring and controlling systems.

Item:	Description:
ASIDM24-S2A	4-20mA Surge Protector Terminal Block protects 1 Analog Signal Line, 24Vdc Surge Suppressor Terminal Block, 6.2 mm Wide
ASIUTJP-2JD-24	4-20mA, 0-10V Surge Protector Terminal Block protects 1 Analog Signal Line, 24Vdc Surge Suppressor Terminal Block

Visit our web site for a complete line of surge protection terminal blocks.



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



Power Supplies



Enclosures



PO Box 1340 • Mechanicsburg, PA 17055
877-650-5160 • 717-249-5581
www.SOURCEASI.com

