The Widest Range of
Altech Products Available
Altech Corp.®
ALLIED ELECTRONICS®
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Powerful Solutions for Industrial Automation

Altech offers a vast range of reliable industrial automation equipment at prices that help you stay in line with your budget. Available products include terminal blocks, circuit breakers, fuses, enclosures, UPS systems, sensors, switches, relays, safety devices, motor disconnects, and tower lights that meet UL and international standards. All products are RoHS and REACH compliant.

Make Allied your one-stop shop for complete industrial automation solutions from Altech.

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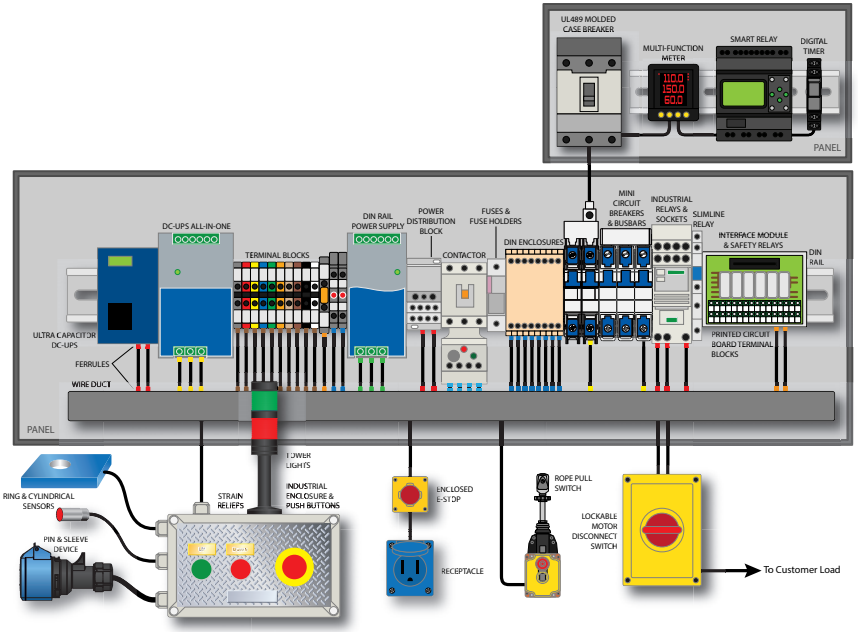

Altech Corp.®

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See the entire Altech Corp. product portfolio at
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ALLIED ELECTRONICS

UL489 Listed Circuit Breakers

Altech's UL489 miniature molded case thermal magnetic breakers are DIN rail mountable, line/load reversible, and available in AC and DC versions with a choice of two different trip characteristics.

They feature a slim design with a width of just 17.5 mm per pole.

One-, two-, and three-pole models are available.
UL/DL Series breakers are current limiting.

UL/DL Series breakers integrate perfectly with Altech's UL489 busbar systems.

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Altech Corp.®

UL508 Manual Motor Controllers

Altech is the leading US supplier of UL508 manual motor controllers (MMC). V-EA Series thermal magnetic circuit breakers are UL508 listed as manual motor controllers, and are suitable as motor disconnects.

In AC, models up to 60 A in one- to three-pole versions at 480Y/277 VAC are available, with a choice of six trip curves. The V-EA Series features a **10 kA** short circuit withstand capacity, the **highest rating in the industry**.

The AC version is rated up to 60 A and is DC rated in two poles up to 80 VDC. All V-EA breakers are DIN rail mountable and very slim, at just 17.5 mm width per pole.

Motor Controllers integrate perfectly with Altech's UL508 busbar systems.

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UL1077 Supplemental Protectors

Altech's R Series supplementary thermal magnetic circuit breakers are DIN rail mountable and **feature positive trip indicators** and a slim design with a width of just 17.5 mm per pole.

One-, two-, and three-pole models are available in a choice of three different trip characteristics.

With a voltage rating of 480Y/277 VAC, models are available in 0.5 to 63 A ratings.

Integrates perfectly with Altech's UL1077 busbar systems.

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Altech Corp.®

UL489 Busbar Systems
Labor Saving Video
youtube.com/watch?v=OppmdmTzkOU

UL489 Listed Busbar Systems

Altech's UL489 busbar systems offer **over 50% labor savings, fast installation, and a reduced need for maintenance**.

Compact designs save panel space, and every pin configuration is possible through a combination of 6, 12, and 18 pin busbars.

One- two-, and three-phase models are available. The universal UL489 design fits most UL489 miniature circuit breakers on the market, and can be used with Altech's L and UL Series breakers.

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Ground Fault Protection

GFL Series (5 A – 40 A)

The first and only 10 kA UL489 Listed Branch Circuit Breaker with Equipment Ground Fault Protection (RCBO).

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GF Series (Up to 63 A)

480Y/277 VAC Ground Fault Sensing and Relaying Device (RCCB).

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GFR Series (5 A – 40 A)

480Y/277 VAC Ground Fault Relay with Overload Protection (RCBO).

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Altech Corp.®

Screw Clamp Terminal Blocks

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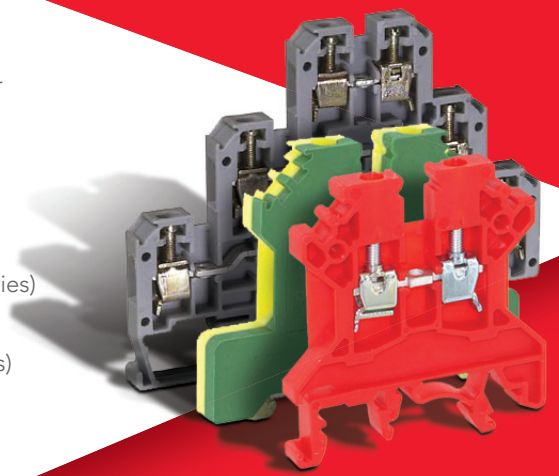
Priced over 30% less than the competition, Altech offers a wide range of screw clamp terminal blocks for a variety of applications. Styles include:

- Feed-through (U Series)
- High voltage (CHV Series)
- Feed-through multi-connection (CMC Series)
- Feed-through double level (CDL4 Series)
- Feed-through offset double-level (OLD4 Series)
- Feed-through triple-level (CTL2.5 Series)
- Double- and triple-level with ground (CDLG2.5/CTLG2.5 Series)
- Ground (CGT Series)
- 5x20 mm and 5x25 mm fuse block (CF4U/DDFL4 Series)
- 0.25x1 in. and 0.25x1.25 in. fuse block (CAFL4 Series)
- 10x38 mm and CC type fuse holder (CB1038/CB10CC Series)
- Disconnect (CSDL4/DDDL4 Series)
- Disconnect and test (CKT4/CDTT/CDS6 Series)
- Distribution block (CDB/CMDB Series)
- Thermocouple (CTT2.5 Series)
- Indicator/diode circuit (CDL4 Series)
- Surge suppressor (CDL4 Series)
- Stud type (CSTS Series)
- Hinged stud (STH4 Series)



Questions?

Call your local Allied Sales Rep at 1.800.433.5700

CX Series Spring Clamp Terminal Blocks

CX Series spring clamp terminal blocks offer a time-saving alternative to the popular screw clamp termination, **priced over 30% less than Wago**.

Featuring compact designs, high-contact forces, and multipole push-in jumpers for easy circuit combinations, they deliver secure and reliable connections for any application.

CX Series terminal blocks are available in DIN rail or panel mount versions, in a variety of configurations including feed through, multiple connection, ground/earth, double level, fuse, component carrier, disconnect and test, and side-entry models.

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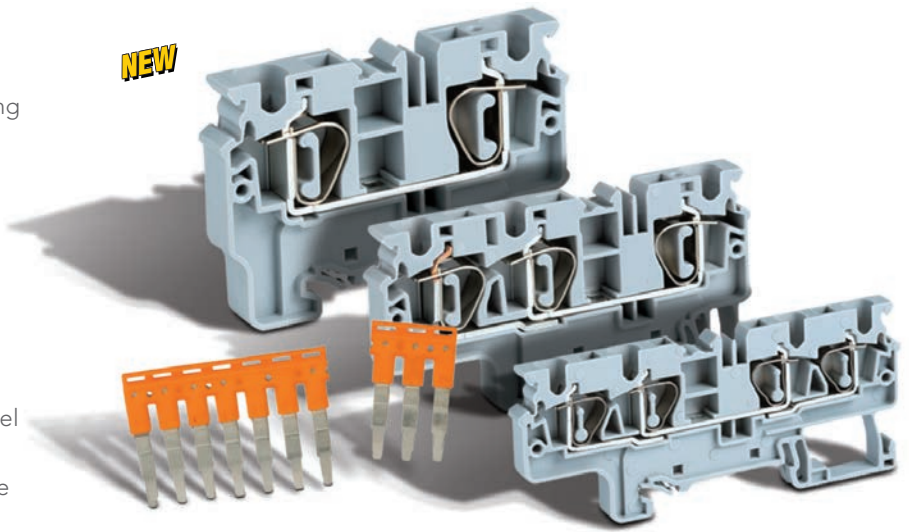

Altech Corp.®

Ferrules

A ferrule is used to terminate stranded wires, and is applied with a crimping tool to create a solid and secure termination surface. Altech **UL-recognized ferrules are now available** for the control circuit of your UL508A panel. Ferrules eliminate the possibility of strands touching another termination and causing a short. They also prevent spreading of wire strands, breaks caused by vibration, bends, and wire stress.

Choose from the following Altech ferrules:

- Insulated Ferrules - Industry Standard Colors
- Insulated Ferrules - DIN Standard Colors
- Uninsulated Ferrules
- Dual Wire Insulated Ferrules
- Insulated Ferrule Assortment Boxes
- From 24 AWG up to 350 MCM

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Get it Shipped today!
Order by 10 p.m. ET

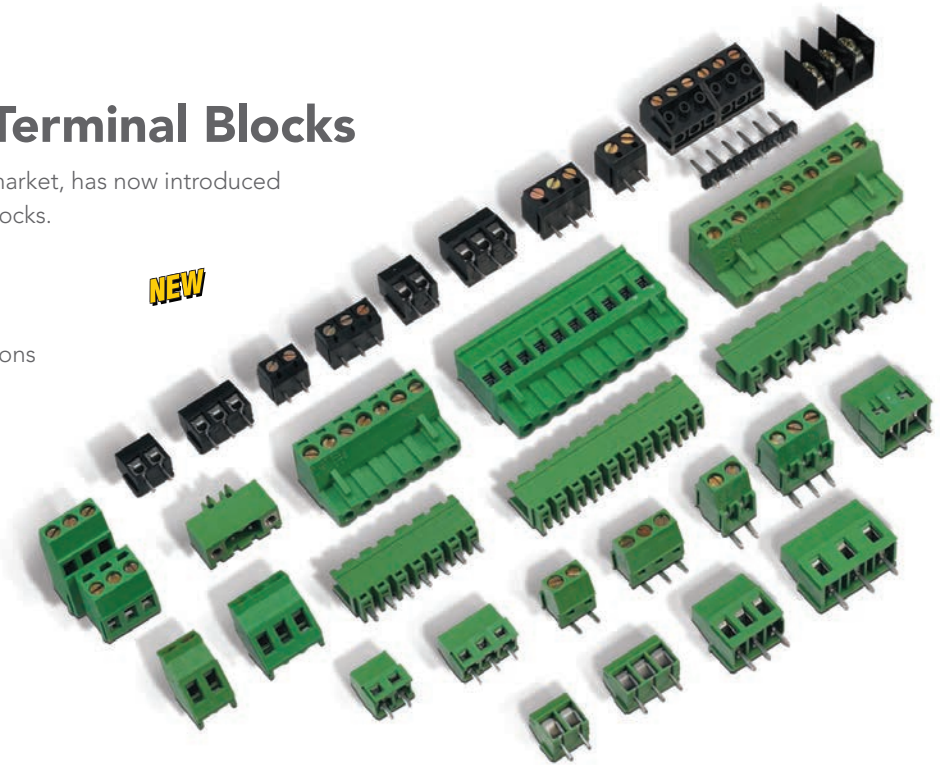
ALLIED ELECTRONICS

Spring Clamp PCB Terminal Blocks

Altech, a leader in the PCB terminal block market, has now introduced a new line of Spring Clamp PCB Terminal Blocks.

The new PCB line features:

- Push-In and Tension Spring Technologies
- Fixed, Pluggable, and Screw Flange Versions
- 2.50 mm to 10.00 mm Per Spacing
- Modular and Maintenance Free
- **Power Terminal Blocks Up to 35 Amps**
- Various Colors Available



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Eurostrip Style Terminal Strips

Altech's Eurostrips are safe, economical, and meet worldwide standards. They serve as a **cost-effective alternative to barrier strips that require labor-intensive wire lugs**. They also reduce the number of electrical connections in circuits.

Eurostrips feature tubular screw clamps, wire protectors, and are ready for immediate wire hookup. They are ideal in small spaces, which means more room for other components or reduced enclosure size. Choose from easy-to-cut 12-pole strips or pre-cut.

Terminal Strip Options:

- Flat Base (300 V), Standoff Feet (600 V)
- 20 A, 30 A, 40 A, 50 A, 63 A
- Wire Protector
- Middle Barrier

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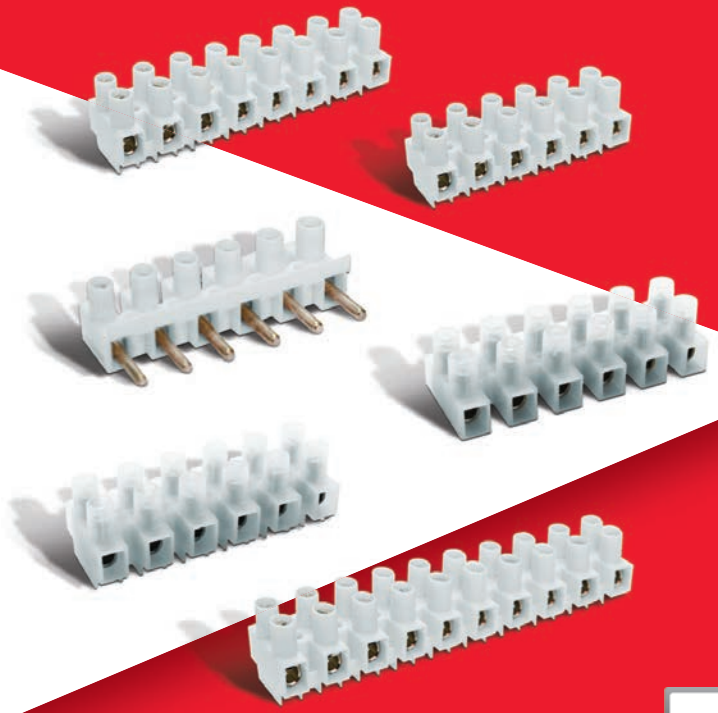

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ALLIED ELECTRONICS

UL1059 Power Distribution Blocks

Altech's UL1059 Series includes one- and three-phase power distribution blocks that offer quick mounting and wiring, and no caps to open or remove.

DIN rail and panel mount versions are available, and all models are rated IP20 (finger safe). These blocks fit with other DIN rail mountable modular devices, and accessories can increase the number of outputs with only one input.

Splicer terminal blocks are also available, with current ratings up to 800 A.

- **Brass and Aluminum Versions Available**
- Ratings Up to 310 A (Brass) and 255 A (Aluminum)

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Altech Corp.®

TK Series Industrial Enclosures

Designed for tough industrial environments and a wide variety of applications, TK Series enclosures are available with standard gray or tinted transparent screw-on covers in three different heights.

Sidewalls and endwalls are supplied smooth or with knockouts.

Precision molded from impact and flame resistant polystyrene or polycarbonate, they are dust and moisture proof to IP66 (NEMA 4X) standards.

Customized milling or printing is available!

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Need it tomorrow?
Order by 8 p.m. ET for Next-Day Delivery

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Polyamide Strain Reliefs

Altech's Polyamide 6 cable glands provide maximum strain relief through a wide clamping range.

They're **gas- and water-tight**, and trapezoidal threads, with high torque, guarantee a tight and permanent fit of the dome nuts.

PG, NPT, and metric thread types are available. IP68 sealing is achieved without seal rings in the PG and metric versions.

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Altech Corp.®

PSC Series DIN Rail Power Supplies

Altech's PSC Series compact DIN rail **UL1310 Class 2** power supplies are designed for the fast growing demand of safe DIN rail applications.

These 20 W to 480 W models are enclosed with a full isolated plastic or metal case to prevent users from hazardous shock. With a power consumption of <0.75 W, its application capabilities expand beyond just the heavy industrial field, but can also be applied to dotcom or IT applications requiring green power to save energy.

Short circuit protection, overload protection, over voltage protection, and the DC OK signal for monitoring status of the power supply are standard functions for this series.

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Questions?
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ALLIED ELECTRONICS

All-in-One DC UPS Systems

Don't get caught by an unexpected outage. Altech's CBI Series DIN rail mountable All-in-One DC UPS **combines a power supply, battery charger, battery care module, and backup module into a single unit**.

It features three charging modes, real-time diagnostics monitoring, and a compact, rugged metal casing.

CBI Series UPS units are suitable for most common battery types and available in 12, 24, and 48 VDC ratings.

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Altech Corp.®

Ultra-Capacitor DC UPS Systems

These **DIN rail mountable units replace traditional battery-based backup systems** with ultra-capacitors.

They're virtually maintenance free and last up to 15 years, making them a very cost-effective solution. Compact designs and zero gas emissions make them ideal for use in enclosed housings.

They offer higher energy versus electrolytic capacitors and higher power versus batteries, and resist shock and vibration.

AC and DC input models are available, with nominal output currents of 3 A to 20 A.

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ALLIED ELECTRONICS

Motor Disconnect Switches

Altech offers one of the smallest 80 A switches in the industry.

We offer a full line of switches **up to 150 A/600 VAC**.

Their disconnects are available in DIN rail and panel mount, fusible and non-fusible versions, and are available as rotary switches for extended or direct handle.

Advanced switch technology and the use of silver contacts ensures safe and durable operation.

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Altech Corp.®

Safety Products

Altech's high-quality safety products help to keep equipment operators out of harm's way through machine and process safety.

Altech Corp.®

Safety Interlock Switches

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Foot Switches

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Cable Pull Switches

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Limit Switches

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22 mm Pushbuttons

Altech's 22 mm pushbuttons offer ideal, cost-effective solutions for control circuits utilizing both direct and remote management applications while **saving over 30%** compared to other leading brands

Ease of assembly has been engineered into the design – the only tool necessary for installation is a screwdriver.

A variety of colors are available, in illuminated and non-illuminated styles, and markings can be added upon request.

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Safety Relays

Safety relays with **force guided contacts** are the core component for safety devices and are indispensable when designing safety circuits.

Altech's DOLD safety relays feature two-to-eight output contacts and are available in voltage ranges from 5 to 110 VDC. Their compact OA 5642, 5643, and 5644 models feature 8 A switching currents, 6-110 VDC coils, 2 to 4 output contacts, and a choice of contact materials, in sizes as small as 1x1x0.4 inches.

Altech's safety relays will help you meet important international standards, CE certifications, and more when exporting your machinery.

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Fuse Holders

Altech's modular fuse holders fit a variety of fuse sizes, including 10x38, 14x51, 22x58, CC type, and J type. PV type fuse holders are available for 10x38 and 14x51 sizes, and IEC types are available for 14x51 and 22x58.

All types are available with or without LED indicators.

Pole configurations include **one-, two-, and three-pole, or three-pole plus neutral**.

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Altech Corp.®

AMT Series Digital Multi-Timers

Altech's AMT universal digital multi-timers are available in 4 models featuring 8 or 18 timer functions to offer the highest flexibility in controlling applications.

The time range is adjustable from 0.1 s to 999 h. An LCD display shows current run time information.

The only digital timer currently on the market!

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Questions?
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Inductive Proximity Sensors

Altech offers a range of inductive proximity sensors with different **output ratings from 5 to 500 mA**.

Most series are available with operating voltages from 10-30 VDC, 90-250 VAC, and 20-250 VAC/VDC.

Outputs may be Normally Open (NO) or Normally Closed (NC), and some models feature a complementary output.

A variety of metal and non-metallic housings, a choice of 2 meter fixed PVC cable or quick disconnect terminals, and flush or non-flush mounting styles are available.

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Altech Corp.®

LED Tower Lights

Altech's tower lights are offered in sleek, stackable modular pieces so you can **easily create your own custom configurations and upgrade** from single to multiple units.

They feature IP65 protection, a wide voltage range (24 VAC/VDC to 240 VAC), and SMD LED technology for bright and uniform illumination.

Continuous, flashing, and rotary integrated LED light modules are available, and optional buzzers that feature 80 DB output in continuous or intermittent modes.

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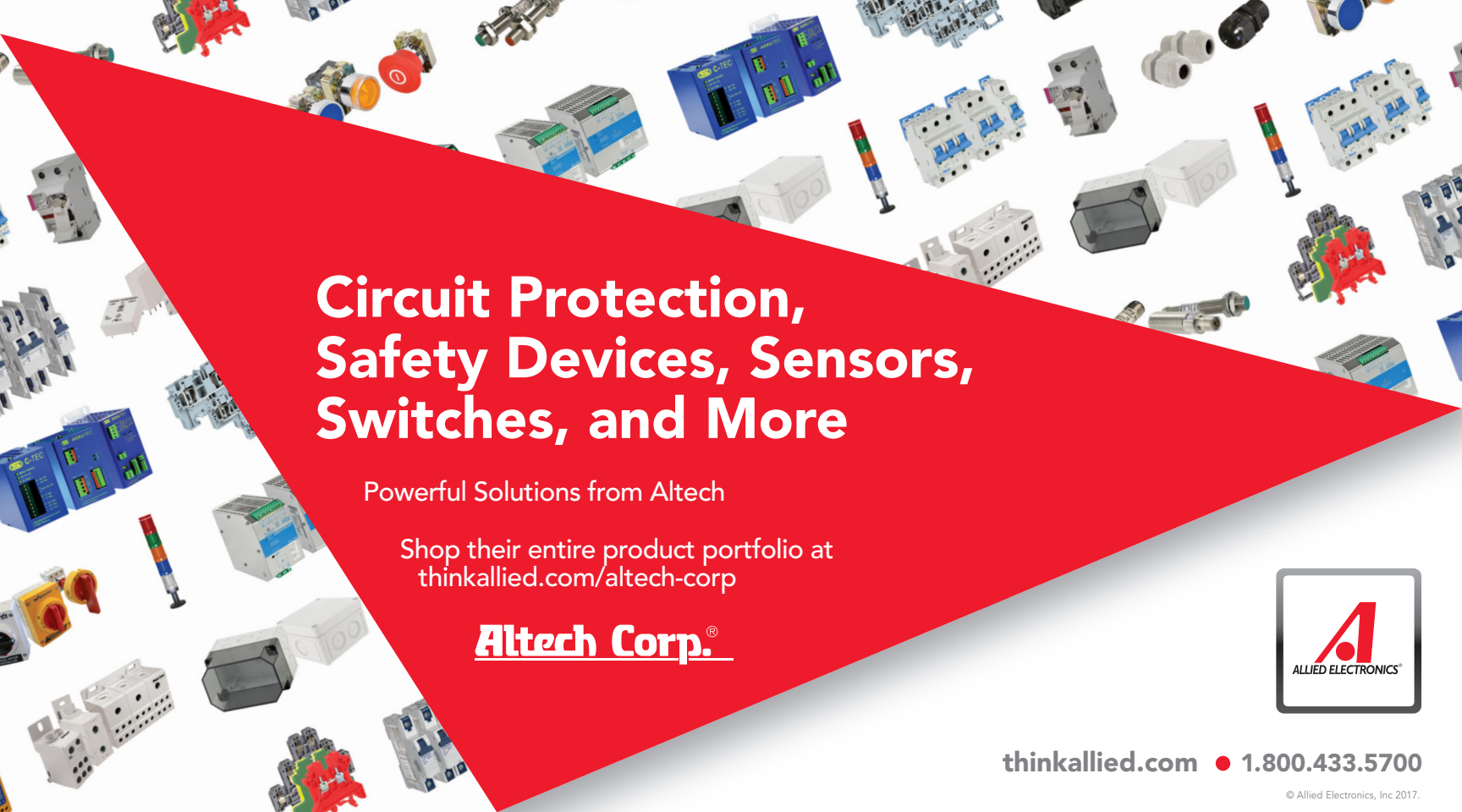
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