

Altech Corp.®



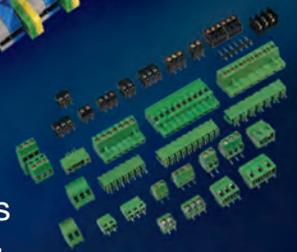
Quality
Endorsed
Company

Serving the Automation & Control Industry since 1984

PRODUCT PREVIEW

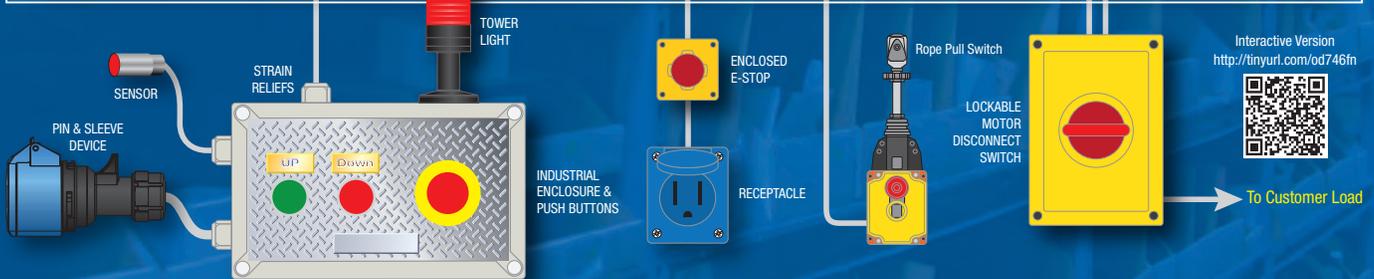
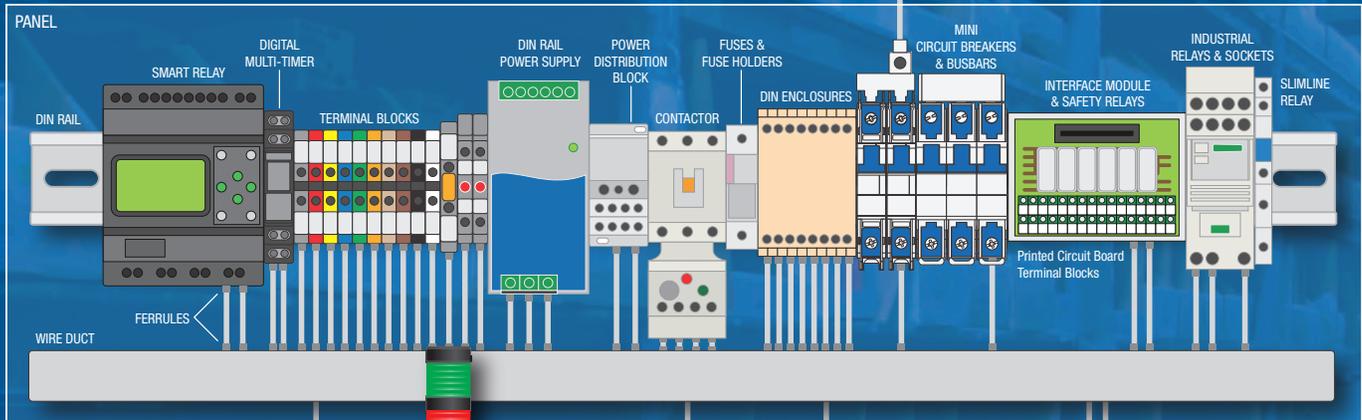
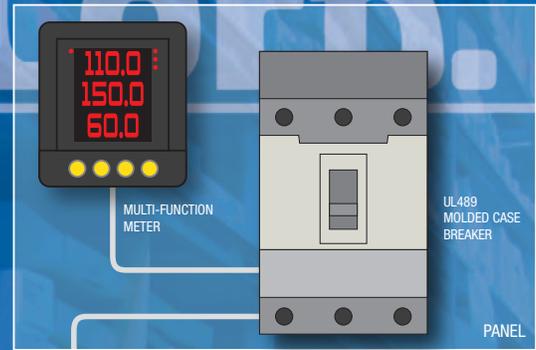


Busbars & Power Distribution | Circuit Protection
Contactors & Overload Relays | DC-UPS | Digital Timers
DIN Enclosures | Eurostrips | European Fuses & Fuse Holders
Ferrules | Foot Switches | Industrial Enclosures
Interface Modules | Liquid Tight Strain Reliefs
Marking & Engraving Systems | Meters
Motor Disconnect Switches | Pin & Sleeve Devices
Power Supplies | Push Buttons & Pilot Lights
Rectangular Connectors | Safety & Slimline Relays
Sensors | Programmable Relays | Terminal Blocks
Test & Measurement | Tower Lights | Wire Ducts



altechcorp.com

SUPPLIED COMPONENTS



Altech Corp. Headquarters
Flemington, New Jersey

CIRCUIT PROTECTION



Circuit Protection Devices

- UL 489, UL 508 and UL 1077 available
- Two lines of AC or DC UL489 Miniature Molded Case Circuit Breakers
- UL508 Manual Motor Controllers "Suitable as Motor Disconnect"
- Three Phase Adjustable Trip Miniature Circuit Breakers/ Manual Motor Controllers
- Two lines of UL1077 Recognized Supplementary Protectors
- UL489 Listed Molded Case Circuit Breakers, up to 600A
 - Flange and Rotary Handles available

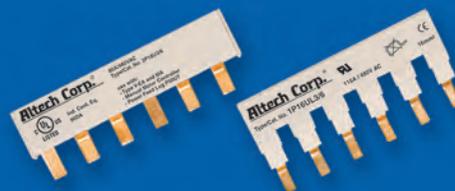


Busbars and Power Distribution Blocks



Busbars

- UL1077/ UL508 Busbars is rated up to 200A
- Can be used with most competitor's supplementary protectors and manual motor controllers
- UL489 Busbars with ratings of up to 115A
- UL listed for use with most of Altech's competitor's UL489 Miniature Circuit Breakers
- Power Distribution System is a new way to simplify existing wiring methods inside a panel.
- Input connector Blocks up to 800A



Power Distribution Blocks up to 310A



- IP20 Finger Safe
- DIN Rail or Panel Mount
- One and Three Phase models

**UL508
Type E**



Motor Contactors, Overload Relays and Manual Motor Starters

- Single Phase (115 -230V)
- Three Phase (200 - 575V) AC and DC
- 3 and 4 pole configurations at 9A to 800A.
- A large variety of coil voltages are supported
- Accessories include auxiliary contacts and overload relays
- Mini contactors come in screw clamp, fast-on, cage clamp and solder pin types



Motor Disconnect Switches



- UL508 Listed Manual Motor Controllers for AC Motor Across-the-line, AC General Use.
- Electrical ratings up to 150A/600V
- 30A / 600V AC Fused Disconnect
- Suitable for Motor Disconnect Means
- 60A disconnect is smallest in industry
- Horsepower rated to 75hp
- Extended and direct handles, toggle switches DIN Rail and panel mount
- Enclosed plastic and stainless steel motor disconnect switches



European Fuses and Fuse Holders

- Extensive line of in-stock European Fuses minimizes downtime
- Diazed, Neozed, Cylinder, NH Knife Blade and Semiconductor fuses
- Slow Blow, Fast Blow and Superfast Blow operating classes
- Fuse Holders
- Crossable with many brands
- IEC and VDE electrical ratings
- Complete line of accessories

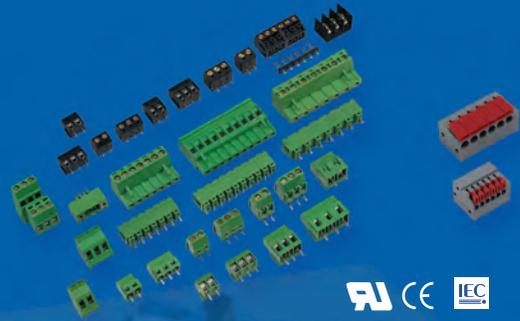
TERMINAL BLOCKS







 AEx ell EX ell







DIN Rail and Panel Terminal Blocks

- Most competitive in the industry
- Internationally accepted DIN Rail and Panel Mount Terminal Blocks
- Screw and Spring Clamp Blocks
- Mini and Panel Mount Blocks
- Ceramic Blocks
- Accessories and Tools

Printed Circuit Board Terminal Blocks

- Single and double level
- Fixed and Pluggable
- Barrier Strip and Panel Feed-Through Blocks
- Tubular Screw Clamps and Box Clamps
- Screw Cage Clamps for heavy duty applications.
- Single, Double and Triple Level Configurations
- Millimeter and Inch Pin Spacings (3.5 to 10.16 mm)
- Phoenix Contact compatible
- RoHS compliant blocks available
- NEW colors available, please consult Altech



Eurostrips






- Easy Mounting and Connection
- Reliable Connection Every Time
- Accessories
- Feed-through Flat Base
- Feed Through Standoff Feet
- Pluggable

DIN Rail

- 35mm, 32mm, 15mm
- Perforated or un-perforated
- Standard rail is steel with galvanic zinc plating and passivation
- Aluminum Rail is made of Aluminum
- Stainless steel rail is made of AISI 304 type stainless steel



Ceramic Blocks






- Compact, space saving
- Tubular screw clamp
- Free float or panel mount
- Temperature range: -40°C (-40°F) to 600°C (1112°F)
- Standard color: white
- Material:
 - Housing: Steatite
 - Clamp: Brass
 - Screws: Zinc plated steel



NEW





UL Recognized Ferrules

- UL Single Insulated Wire Ferrules (Single Bag)
- UL Single Insulated Wire Ferrules (Multiple Bag)
- UL Twin Insulated Wire Ferrules
- UL Insulated Wire Ferrules on Reel or Belt
- Insulated Industry Standard Wire Ferrules
- Insulated DIN Standard Wire Ferrules
- Uninsulated Industry Standard Wire Ferrules
- Insulated Dual Wire Ferrules
- Insulated Ferrules Assortment Box
- Crimpers



TERMINAL BLOCKS



Power Distribution and Spicers Blocks

- Quick mounting and wiring
- IP20 Finger Safe
- DIN Rail or Panel Mount
- No caps to open or remove
- Material
 - Housing: Polyamide
 - Metal Body: Brass

- Quick mounting and wiring
- IP20 Finger Safe
- DIN Rail or Panel Mount
- No caps to open or remove
- Material
 - Housing: Polyamide
 - Metal Body: Aluminum



Marking Systems

- Compatible for terminal block markers and wire markers such as Altech Corp, Allen Bradley, Connectwell, Conta Clip, Entrelec, Weidmueller, Phoenix Contact, PTR, Wieland, Wago, Murrplastik, Partex, SES, Sterling, etc.
- Engravers for plastic signs, legend plates, inlays, etc.
- Plotter pens (0.18 - 1.00 mm)
- Ink for plastic material and general use
- Pen cleaners, Fixtures, Software
- Service and repair available from Altech

Custom Assemblies

Application Assistance
 Modify a standard product
 Help define a new product

Engineering Capability
 Use of latest CAD system
 PCB layouts completed promptly
 Prototypes available two weeks after PCB layout approval



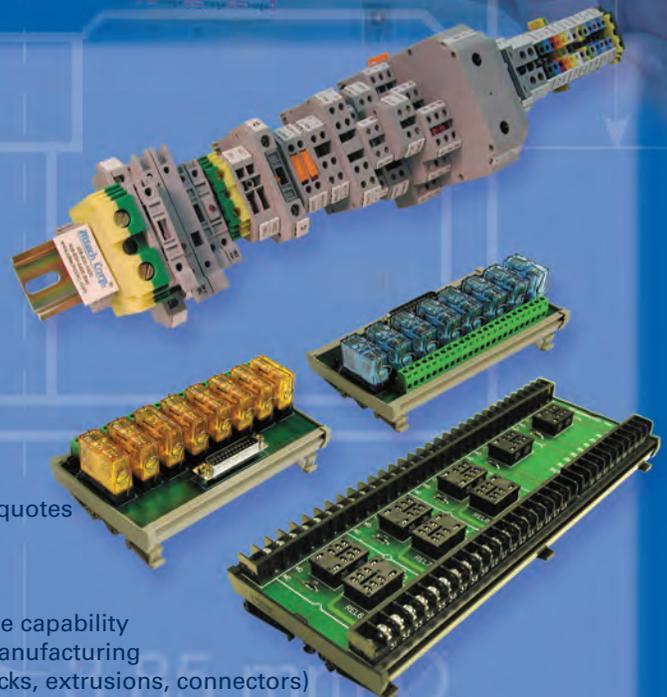
Minimum Quantities
 25 piece minimum for custom quotes
 Quotation provided at no cost

Altech Benefits
 Fast turnaround due to in-house capability
 Highly competitive in-house manufacturing
 Use of Altech components (blocks, extrusions, connectors)



Test & Measurement Equipment

- Size range of 0.64 mm to 4 mm
- Clamp-type test probes
- Alligator clips
- Test probes
- Oscilloscope
- Measuring leads
- Plugs
- Sockets
- Sets



ENCLOSURES



Industrial Enclosures



- Look great, and protect circuit boards, terminal blocks and control and operating devices
- Aluminum, ABS, Polystyrene, Polycarbonate, Polyester and stainless steel enclosures
- Broad range of sizes
- TG Series has inlay for custom labels
- 3 printing options: digital printing, screen printing or adhesive label
- NEMA 4X available
- Functional and appealing designs
- Large selection of accessories
- Customization and imprinting service are available



DIN Enclosures

- Protect electrical, electronic and electromechanical devices with any of seven DIN Enclosure series
- Up to 144 ready-to-wire terminals, integral PC Board guides and terminal-to-board connector options
- Fixed and pluggable terminal options
- DIN Rail or optional panel mount
- In-Rail Bus System
- Custom imprints, markings and cut outs available



ATEX APPROVALS



Liquid Tight Strain Reliefs

- Full line of LiquidTight Strain Reliefs (Cord Grips)
- Standard and Industrial Series
- Available in polyamide, nickel-plated brass and stainless steel
- Straight-through, strain relief, bend protection, pull/bend protection, flat cable, multi-conductor and EMI/RFI functions
- Compatible with almost any type of cable, cord or conductor
- Available in PG, Metric and NPT thread sizes

ATEX Enclosures

- Aluminum Enclosures
- Polyester Enclosures
- Stainless Steel Enclosures



ATEX APPROVALS



Corrugated Tubes

- Material: Polyamide 6
- Flame retardant according to DIN 75200 and UL
- No halogen
- Durable
- Temperature Range: -40 to 120°C, short term 150°C
- Connectors, Seal Rings, O-Rings, Mounting Clips
- Various Sizes Available

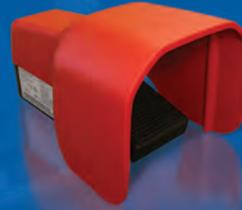
SWITCHES



22 & 30 mm Push Buttons & Selector Switches

- Metallic Push Buttons, Selector Switches and LED Pilot Lights
- Designs include Operators, Pilot Lights, Modular Contact Blocks and Bulb Holders
- Push Button Stations
- Wide range of accessories
- 22mm Series is 100% compatible with Telemecanique XB-2 and ZB-2 series
- Plastic models available

NEW
Design & Bases



Foot Switches

- Internationally approved for almost any industrial or medical application.
- Up to three pedals, with or without guards
- IEC 60601-1 certified and UL2601-1 recognized for all medical applications
- VDE, DIN and CE approvals
- Momentary, maintained and two-stage momentary
- Customized designs available
- Low cost single pedal switch available!



Motor Disconnect Switches

- UL508 Listed Manual Motor Controllers for AC Motor Across-the-line, AC General Use.
- Electrical ratings up to 150A/600V
- Suitable for Motor Disconnect Means
- 60A disconnect is smallest in industry
- Horsepower rated to 75hp
- Extended and direct handles, toggle switches
- DIN Rail and panel mount
- Enclosed plastic and stainless steel motor disconnect switches



NEW



Safety Switches

- Safety Interlock Switches
- Solenoid Interlock Switches
- Cable Rope Pull Switches
- Hinged Door Switches
- Standard & Safety Foot Switches
- Medical Foot Switches
- RFID Non Contact Safety Switches
- Safety Relay & Control Modules
- Standard Limit Switches
- Safety Limit Switches
- Magnetic Switches
- Optical Switches
- Float Switches
- ATEX
- Limit Switches
- Rope-Pull Switches
- Foot Switches



ATEX APPROVALS



POWER MANAGEMENT



DIN Rail Power Supplies

- DIN RAIL mountable power supplies have Universal AC input
- Suitable for industrial and automation applications
- UL508 Listed and/or UL Recognized
- Available from 30-960W
- Slim line and compact models available
- Protections: Short circuit / Overload / Overvoltage / Over temperature
- Cooling by free air convection
- 3 year warranty



Battery Chargers and UPS-DC Solutions

- CB Battery Chargers Single Phase
- Fully automated charging
- Three charging modes
- Compact, rugged metal case
- Available in 12VDC, 24VDC and 48VDC
- CBI All In One UPS Power Solutions
- Three charging modes
- Several output protection modes
- Compact, rugged metal case
- Available in 12VDC, 24VDC and 48VDC



Digital Panel Meters

- Digital Multi Function Meters
- Digital Ampere Meters
- Digital Voltage Meters
- Digital Frequency Meter
- Digital Power Factor Meter
- Disconnect and Test Terminal Block



RELAYS & TIMERS



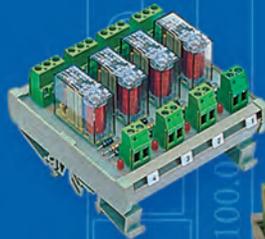
Smart Relays

- Supports up to 48 I/Os (32 digital inputs & 16 digital outputs)
- DST Feature Available
- Backlit LCD Screen for display & modification of pre-selected parameters of functional blocks, viewing I/O status and programming on the device
- PC software for programming, online & offline simulation, documentation & printing
- Designed for use in automation for commercial & Industrial sectors
- Modbus Communication



Safety Relays

- Feature forced-guided contacts
- Broadest line of Safety Relays that meet the ASME A17.1-2000 requirements
- Relays meet machinery directive EMD 89/392 EEC requirements
- IEC 60204, EN 60204 and DIN/VDE 0113
- Available from 2-8 contacts, 6-10A, 5-220V DC coils
- Applications include emergency stop, two-hand safety, railroad signaling and elevator/escalators.



Relays Modules

- Electronic modules and carriers.
- DIN mountable module
- Connector to terminal blocks
- Relay Modules & Safety Relay Modules
- Diode Modules
- Component Carrier Modules
- I/O opto Carriers
- Custom Designed Modules for any size order
- Quick Delivery



Industrial Relays

- Industrial Electromagnetic Relays
- Miniature Electromagnetic Relays
- Slimline Interface Relays
- Subminiature Electromagnetic and Solid State Modules
- Relays for Photovoltaic
- Relay Socket Combination
- Accessories



Digital Timers

- Multi-functional Timer (8 or 18 Functions)
- Universal Voltage 24~265 V AC/ DC
- Wide Time Range: 0.1s ~ 999h
- 3 Digit LCD Display for Preset Time and Run Time
- DIN Rail Mounted
- 17.5mm Width
- 8A Relay Output



Slim Line Relays

- Only 6.2mm thick
- Slim DIN Rail mountable interface solution
- Modules have a plug in construction
- Modules available with solid state or mechanical relay
- Built in LED indicates the relay energizing state
- The relay features a SPDT configuration and a maximum switching current of 6A
- Coil voltages from 5VAC/DC up to 230V AC/DC
- Pluggable jumpers available

SENSORS

Inductive Proximity Sensors

- Cylindrical, Limit, Block and Ring Sensors
- Standard and analog models
- Standard and extended sensing distance
- Sensitivity as low as 0.15mm steel ball
- Mini, Normal, Analog, High and Ultra High sensitivity ring models
- Modular flat packs for conveyor belt sensing
- Unique metal separation systems available



CE

Large Variety of Sensors

- AS-i Safe Intelligent
- Inductive
- Capacitive
- Optical
- Ultrasonic
- Magnetic
- Slot
- Float

NEW

NEW

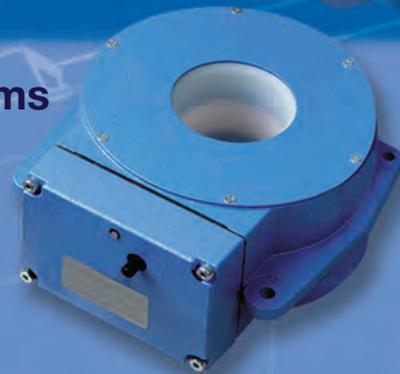
NEW

Metal Detection Systems & Ring Sensors

Typical applications includes:

- Food and grain
- Baking industry
- Plastic and rubber regrind
- Wood grinding
- Semi-finished and finished products

Ring sensors are used for variety of applications including punching and stamping operations to detect small metal parts and for the identification of metallic contamination in bulk materials.



PANEL ACCESSORIES



Pin & Sleeve Devices / Receptacles

- Large selection
- IEC 60309 certified power plugs and connectors.
- Electrical rating up to 30A/600V AC
- IEC styles upto 125A/690V AC
- Designs include plugs, receptacles, inlets and connectors
- Splash proof and watertight versions
- Exceptional anti-tracking properties
- Designed for industrial use

Mechanical Thermostats

- Adjustable Temperature Control
- Wide Adjustment Range
- Color Coded Dial
(Red: Heating, Blue: Cooling)
- DIN Rail Mountable



Tower Lights

- Sleek & Stackable Design
- SMD LED Technology
- Uniform & Bright Illumination
- Continuous, Flashing and Rotary Integrated LED Light Modules Available
- Flexibility to upgrade from Single LED Unit to multiple LED Units
- IP65 protection | Wide voltage range from 24V AC/DC to 240V AC
- Optional feature of Buzzer with dual sound mode - continuous & intermittent with 80 DB output



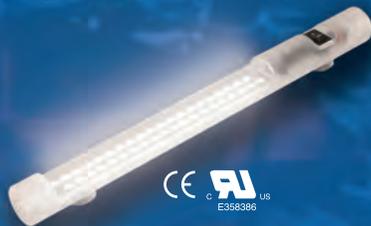
Panel Heaters

- Built In Thermostat (setting range -4F ~ 100F)
- Aluminum Metal Housing
- "Heat On" Indication Light
- "Auto Fan" Mode for extended Motor Life
- Integrated Overheat Protection



Panel Lights

- Energy efficient LED technology
- Long life
- Magnet or Screw mounting
- Daisy chain (up to 10 lights)
- Maintenance-free
- On/off switch or motion sensor
- Wide Voltage Range (AC or DC)
- Integrated power unit



Industrial Rectangular Connectors

- Excellent mechanical and electrical connections in the industrial and automotive industries.
- Used in data, control, signal and power applications.
- Ratings up to 16 amps are in conformity with European and UL standards.
- Strong locking levers and tightly sealed gaskets maintain IP 65 rating for coupled connectors.
- Male to female connection in configurations of 3 - 48 poles, with ratings up to 16 amps



Panel Filters

- Most Quickly and Easily – no mounting hardware required
- Low external Profile
- UV & Heat resisting Housing material
- Black or Grey Housing Color
- Filtering Class: G3 according to EN779
- Filtration Efficiency: 85% (DIN24185)
- Filter Mat included



Altech Search



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New Products and Promotions

Serving the Automation & Control Industry Since 1984

Circuit Protection

 Circuit Protection Devices	 Busbar and Power Distribution	 Contactors, Overload Relays, Manual Motor Starters	 Motor Disconnect Switches	 European Fuses
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Connectors

 Industrial Rectangular Connectors	 Pin & Sleeve Devices	 Receptacles	 Foot Switches	 Inductive Proximity Sensors
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Enclosures

 Industrial Enclosures	 DIN Enclosures	 Interface Modules	 Safety Relays	 Slimline Relays
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Modules & Relays

Power Supplies

 Power Supplies	 22 & 30 mm Push Buttons	 DIN Rail	 Wire & Cable Management
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Push Buttons

DIN Rail

Wire & Cable Management

Terminal Blocks

 Din Rail Terminal Blocks	 Panel Mount Terminal Blocks	 Printed Circuit Board Terminal Blocks	 Eurostrips®	 Distribution Blocks
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Miscellaneous

 Ferrules	 Custom Assembly	 Marking & Engraving Systems	 Altech Smart Relay	 Tower Lights
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- WEB TOOLS
 - Product Crossings
 - Request for Quote
 - Sample Request
 - Catalog Request
 - eBook Catalog
- PRODUCT MENU
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 - Connectors
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 - European Spare Parts
 - Digital Panel Meters
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 - Power Supplies
 - Power Semi-Conductors
 - Programmable Controllers
 - Push Buttons & Pilot Lights
 - Relays
 - Sensors
 - Terminal Blocks
 - Tower Lights
 - Timers
 - Wire & Cable Management
 - Home



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