

Altech Corp.[®]

Your Source for Automation & Control Components



PRODUCT OVERVIEW

Contents



New Offerings.....	3	Ferrules & Crimpers.....	30
Disconnect Switches	4-5	Monitoring Devices	31
Terminal Blocks	6-9	Relays	32
DIN Rail Mount Miniature Circuit Breakers	10-11	Industrial Relays	32
PCB Terminal Blocks	12-13	Safety Relays.....	32
Industrial Enclosures.....	14-16	Slimline Relays	32
Cable Glands / Cord Grips	17	Slimline Solid State Relay Modules	32
Corrugated Tubes.....	17	Miniature Solid State Relays (SSR)	32
DIN Rail Mount Electronic Enclosure.....	17	Relays & Meters	33
Push Buttons	18	Interface Relay Modules.....	33
Fuseholders.....	19	Enclosed Relay Modules	33
European & Photovoltaic Fuses	19	Digital Panel Meters.....	33
Foot Switches	20	Process Controllers.....	33
Pin & Sleeve Devices / Receptacles	20	UL Busbars	34
Safety Switches	21	UL 1077 Recognized Supplementary Protectors.....	34
Switches & Sensors	22-23	DIN Rail	35
Power Supplies.....	24	Wire Duct	35
DC-UPS Backup.....	25-26	Timers	36
Power Distribution Blocks	27	Smart Relays	36
Sensors	28	Test & Measurement.....	37
Sensor & Actuator Cables and Connectors,		Mechanical Thermostats	37
Motor Contactors, Overload Relays.....	28	Tower Lights	38
& Manual Motor Starters	29	Stackable Lights	38
Custom Assemblies	29	Signaling Devices	38
Terminal Strips	30	Multi-Color LED Light.....	38
Ceramic Blocks.....	30	LED Panel Lights.....	38

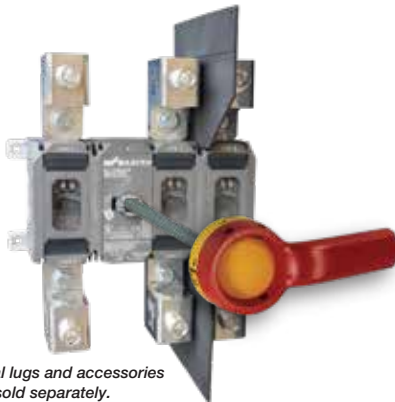
NEW Offerings

Altech Corp.®

Universal Monitor D0-1 for Modbus Simple Monitoring Device for your business

No Subscription • No License

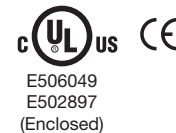
- Collects, monitors, analyzes, & diagnoses data, and provides alerts of potential issues in your system
- Universal application at low cost
- Monitoring up to 128 Modbus RTU / TCP devices
- Web based software included
- Do-it-yourself - easy configuration
- Individual Dashboard creation



Terminal lugs and accessories sold separately.

200 and 400 A UL 98 Disconnect Switches

- Unique industry feature:
Plastic materials can be 100% recycled.
- Switch make/break operation is independent from operator's actuation speed
- Reliable switch for demanding industrial applications
- Contact position check/contact condition inspection window for every pole
- Maximum horsepower rating 300 hp @ 600V AC
- Enclosed versions available



Alsense Energy Monitor Monitoring Relays



- 1- and 3-Phase Universal Energy Meter
- Up to 277 VAC (L - N)/ 480VAC (L - L)
- Usage with external CT
- 1 x digital Input / 2 x digital Outputs
- Measured Values provided via Modbus RTU/ RS485
- Line to neutral voltage measurement
- Current Measurement (above 5A use CT)



12V and 24V Capacitor based UPS

- 110V AC / 220V AC input
- 12 / 24V DC output
- UL 508
- Regulated power supply with safe separation built-in
- Wide input voltage range 80...264 V AC
- Wide temperature range -40 °C...+60 °C
- Maintenance-free because of built-in long-life ultra-capacitors



Abox & Abox Pro Quality Enclosures

The Abox and Abox Pro series offer the same terminal and mounting features.

- Center markings -
Perfect alignment in record time
- Internal mounting -
Quickly and easily onto the wall
- Larger interior space -
Wiring made easy
- A modern terminal technique



Abox are available in 8 sizes ranging from 87 x 87 x 52 mm (3.43 x 3.43 x 2.05 in.) to 252 x 252 x 120 mm (9.92 x 9.92 x 4.72 in.). These enclosures have an IP66 protection rating and are suitable for indoor or protected outdoor use.

Abox Pro are available in 7 sizes ranging from 92 x 92 x 60 mm (3.62 x 3.62 x 2.36 in.) to 252 x 252 x 120 mm (9.92 x 9.92 x 4.72 in.). Suitable for use in unprotected outdoor environments with IP66/67/69 protection.



Disconnect Switches



UL 60947-4-1 (formerly UL 508)

16-150A / 600V AC | 16-40A / 600V AC / 60V DC

Features

- Very compact 40A version (LSF/RT series)
- One of the smallest 80A switches in the industry
- Across the line, motor starting - up to 75hp/600V AC
- General Use Rating - 16A to 150A/600V AC
- Enclosed switches are available in plastic, stainless steel, aluminum and sheet metal enclosures

OPEN TYPE

NEW

LSF/RT



16-40A



KU



16-80A

VKA



80-150A

**Toggle Handle
KUE / EVA**



16-80A



80-150A

ENCLOSED

Polycarbonate - UL 60947-4-1 (formerly UL 508) - KEM Series



16-25A



40-80A



100-125A



150A



30A - Fused

Stainless - UL 60947-4-1 (formerly UL 508) - KER Series



16-40A



60-125A



16-125A



16-125A

OTHER & ACCESSORIES

**Aluminum
KEA Series**



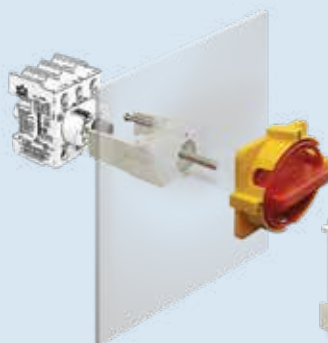
16-125A

**Sheet Metal
KET Series**



16-125A

Door Mount Kits



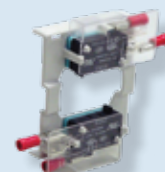
Fuse Holders

Retrofitable
30 A, Class CC or
10x38, Midget



Auxiliary Switches

Retrofitable, front face
or side mount



For
KU/VKA



For
LSF/RT

Disconnect Switches

Altech Corp.[®]

UL 98

30-400A / 600V AC

Features

- One frame size, 3 ratings
- Every design is lockable in OFF position
- Switching mechanism speed is independent from the operator
- Silver contacts ensure safe and durable operation
- Enclosed switches are available in polycarbonate, stainless steel, and sheet metal enclosures



KU



30, 60, 100A

KU 3200UL98

NEW



200A

KU 3400UL98

NEW



400A

Polycarbonate - UL 98 - KEM Series



60A

100A

Stainless - UL 98 - KER Series



60A

100A

Sheet Metal - UL 98 - KET Series



60A

100A

Handles

LK10

LK11

LKX100

LKX150

LKX50

Works with UL 508 & UL 98 open type switch

Shafts

100-300 mm
(500 mm available)

Auxiliary Switches

Side mount



Blue Touch Protector



1 Pole



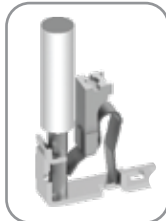
3 Pole

Terminal Blocks



CP Series

Push-In Terminal Blocks with Universal Push-In Jumper System



FEATURES

- No tools required
- State-of-the-art Connection Technology
- Stainless Steel Push-In spring
- Universal Push-In Jumper System
- 3 Marking Tag Areas (Center, Sides)
- Most Compact 3.5 mm Terminal



A Feed-Thru Terminals

- 3.5mm Terminal most compact in industry
- Up to 57A/ 8AWG
- Same profile Ground Blocks

B Multi-Connection Terminals

- 3 and 4 Connection Terminals
- Same profile Ground Blocks

C Double Level Terminals

- 3.5mm version (CPDL1.5)
- 5mm version (CPDL2.5)
- Ground Level versions (CPDLG1.5, CPDLG2.5)

D Disconnect Terminals

- Knife Disconnect
- Double Level Disconnects
- Shorting Levels separate or together
- Bottom level Feed-Thru version

E Sensor Terminals

- Extremely Compact 3.5mm width
- 3 or 4 wire sensor terminals (CPST1.5/x)
- Power Feed Terminal (CPPT2.5/x)
- Optional Grounding Point terminals
- Blue & Red color jumpers for clear circuit identification

F Triple Level Terminals

- 3 Levels for high density wiring
- Ground versions (CP3LG2.5, CP4LG2.5)

G Marshalling Terminal Block

- 32 total I/Os
- CP8L32: 8 Levels, 4 connections each
- CP8L32(I.S)H: 2 Potentials, 16 Connections each
- CP8L32(I.S): 32 Connections
- Test Point on each terminal

CY Series

Screw Clamp Terminal Blocks with Universal Push-In Jumper System



FEATURES

- Universal Push-In Jumper System
- Strong Clamping System
- Snap-On Ground Blocks
- 3 Marking Tag Areas



A Feed-Thru Terminals

- Up to 65A/ 6AWG
- Same profile Ground Blocks
- Many colors
- Same profile on all sizes for less accessories

B Multi-Connection Terminals

- 3 and 4 Connection Terminals
- Same profile Ground Blocks

C Disconnect Terminals

- Knife Disconnect (CYK4)

D Fuse Terminals

- 5x20mm fuse type (CYF4)
- LED Indicator for blown fuse)

E Multi-Level Terminals

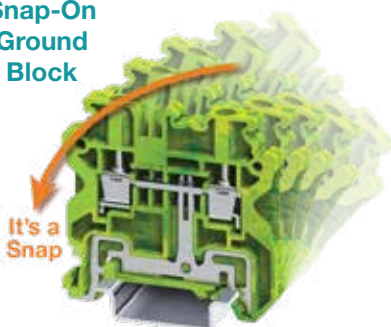
- 5mm and 6mm Double Level (CYDLG2.5, CYDLG4)
- Offset version (ODL2.5)
- Ground Level versions (CYDLG2.5, CYDLG4)

F Multi-Function Terminals

- CYDL-Series
- Many various design options
- Up to 60% space saving
- Top Level: Fuse, disconnect or Feed-Thru
- Mid Level: Feed-Thru
- Bottom Level: Ground (optional)

Snap-On Ground Block

It's a Snap

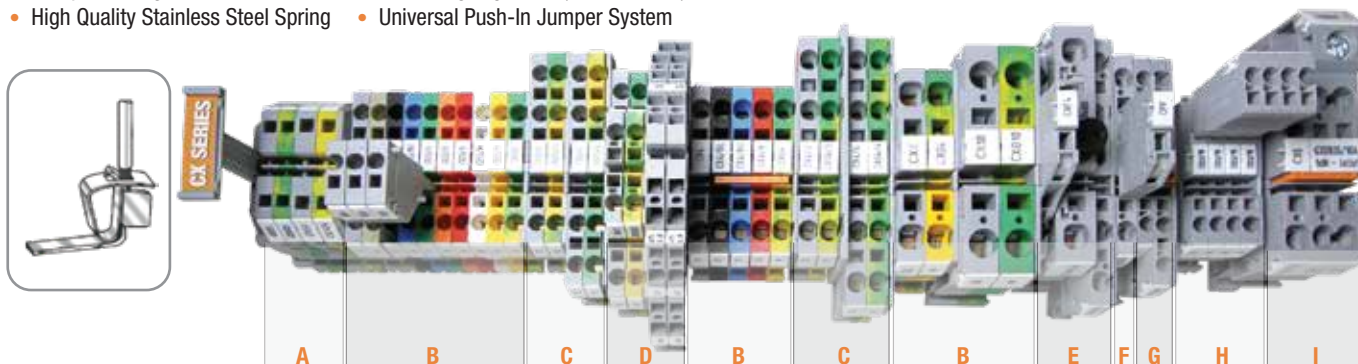


CX Series

Spring/ Cage Clamp Terminal Blocks with Universal Push-in Jumper System

FEATURES

- Compact Design
- High Quality Stainless Steel Spring
- 3 Marking Tag Areas (Center, Sides)
- Universal Push-In Jumper System



A Side Entry Terminals

- 5mm and 6mm Feed-Thru
- Same profile Ground Blocks
- Universal Push-In Jumpers

B Feed-Thru Terminals

- Up to 85A
- Same profile Ground Blocks
- Plug-In Test plugs

C Multi-Connection Terminals

- 3 and 4 Connection Terminals
- Same profile Ground Blocks

D Multi-Level Terminals

- Double Level (CXDL2.5)
- Triple Level (ATL2.5)
- Built-in Electronic Components (CXDL2.5(E)xx)
- Ground Level versions (CXDLG2.5, ATLG2.5)

E Fuse Terminals

- 5x20mm fuse type (CXF4)
- Vertical Fuse Block (CXVFxx)
- Auto Fuse Type (CXAF4/3)

F Plug-In Component Carrier

- Fuse Plug 5x20mm (CPF)
- Diode Plug (CPD)
- Flexible Plug options

G Disconnect Terminals

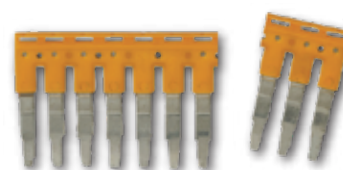
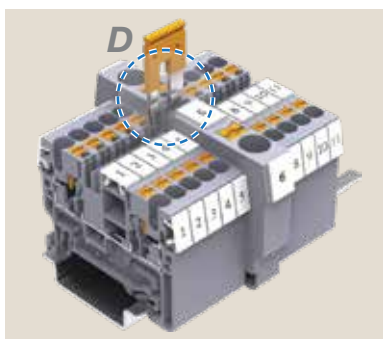
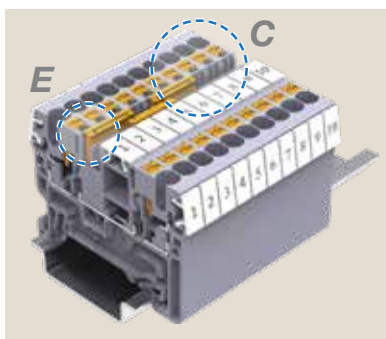
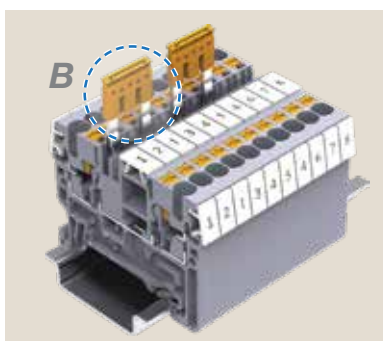
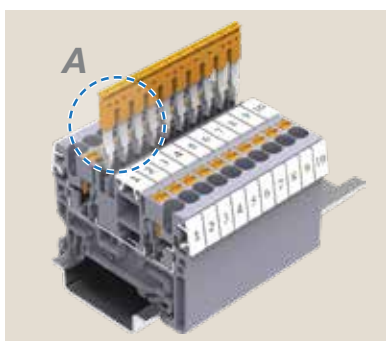
- Knife Disconnect
- 5mm, 6mm version
- 2 or 4 connections

H Pluggable Feed-Thru Terminals

- Stackable Terminal Plug (CX2.5PN)
- Pluggable Wire to DIN Rail
- Pluggable Wire to Wire
- Various bases:
(2, 3, 4 connections, double level)

I Hybrid Distribution Block

- Screw Input (115A)
- 4 Spring/ Cage Clamp Outputs (4x41A)
- Modular system
- Expandable with standard CX6 Terminals and JX6 jumpers



Universal Push-In Jumper Technology

Compatible with Spring, Screw and Push-In Terminals.

FEATURES

- A** Standardized in various pole configurations
- B** Easy breakout pins to skip terminals
- C** 2 jumper channels for various circuit options
- D** Step down jumpers to short different wire size terminals
- E** Felt-tip pen marking area

Terminal Blocks

CT Series

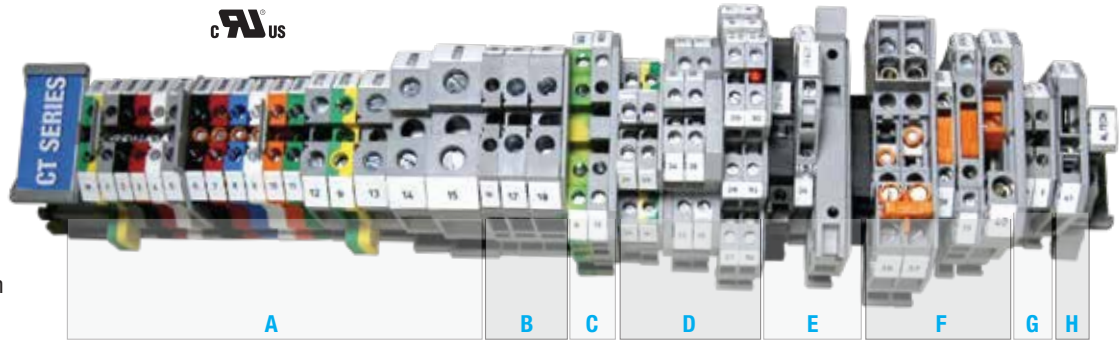
Screw Clamp Terminal Blocks
with Traditional Screw Jumper System



Top Selling - CTS4U-N
Single Level Feed-Thru
Screw Clamp Terminal Block



UL US



FEATURES

- Large Range of Block types for many applications
- Screw-Type Jumper system
- Various accessories

A Feed-Thru Terminals

- Up to 240A/ 250kcmil
- Same profile Ground Blocks
- Many colors

B High Voltage Terminals

- 1000V UL
- 1500V IEC DC Rating
- Up to 65A/ 6AWG

C Multi-Connection Terminals

- 3 and 4 Connection Terminals
- Same profile Ground Blocks

D Multi-Level Terminals

- Double Level (CDL4UN)
- Offset version (ODL4U)
- Triple Level (CTL2.5U)
- Sensor Terminals with LED
- Built-in Electronic Components (CDL4U(E)xx)
- Ground Level versions (CDLGxx, CTLG2.5)

E Fuse Terminals

- 5x20mm fuse type (CF4U, CF4SP)
- Double Level (DDFL4U)
- 1/4 x 1/4 (CAFL4U)
- LED Indicator

F Disconnect Terminals

- Shorting Block System (CDS6U)
- Knife Disconnect (CKT4U)
- Slider Style (CDTTU)

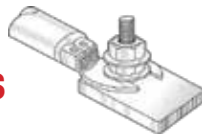
G Thermocouple Terminals

- K, J, T, E Type
- Includes markers (+, -)

H Tab Connection Terminals

- Standard "Quick-Connect" Tabs

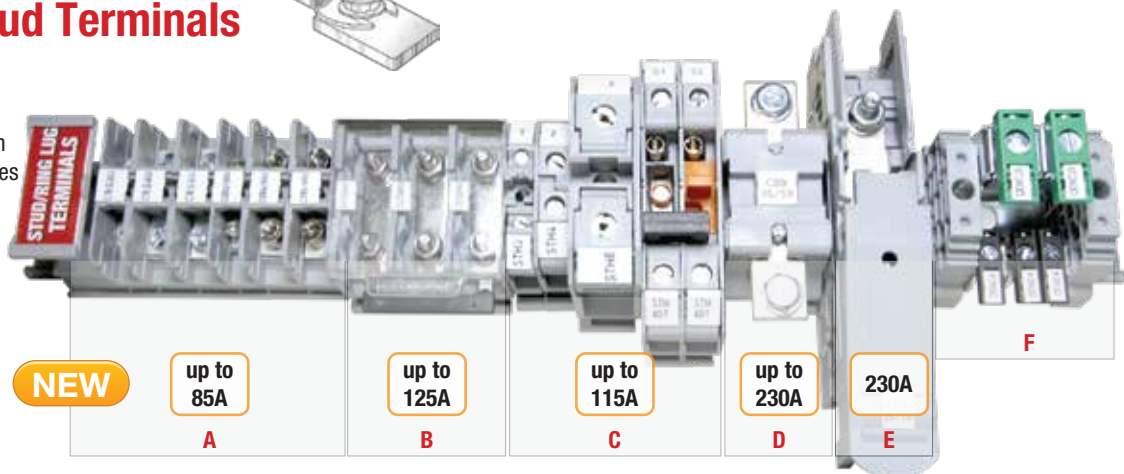
Ring Lug & Stud Terminals



FEATURES

- Accept Ring/ Fork Lugs
- Withstands severe vibration
- Accepts very large wire sizes
- High Torque values

UL US



A Ring Lug Barrier Terminals

- Phillips screw (CBS Series)
- Slotted Hex Nut (CSB Series)
- Up to 85A/ 4AWG
- Protective Cover

B Ring Lug Stud Terminals

- Hex Nut
- Up to 125A/ 2AWG
- Protective cover

C Hinge-Type Ring Lug Terminals

- Captive Nut Built-In hinge
- Feed-Thru Terminals
- Shorting Terminal Blocks (STH4DT)
- Up to 115/ 2AWG

D Power Terminals

- Nut/ Bolt Connection
- Up to 230A/ 4/0AWG
- Protective Cover

E High Current Power Terminals

- Up to 230A/ 4/0
- Hinged Finger Safe cover
- Stackable
- 2, 3, 4 pole jumpers

F Grounding / Distribution System

- 3 Clamp sizes
- Panel Mount
- DIN Mount

AltechCorp.com | 908.806.9400 | info@AltechCorp.com

Marshalling & Potential Distribution Terminal Blocks with Push-In Technology for efficient wiring

UL [®] **US**
E220514



SPACE & TIME SAVING

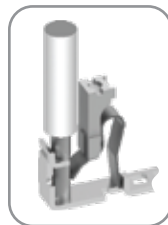
- Organized wiring of large number of wires
- Push-In connection Technology
- Test point on each terminal
- Marking options to organize wiring
- Over 1000 connections per foot



CP8L32



CP8L32(I.S)



CP8L32(I.S)H

CP8L32

8-Level Marshalling Terminal Block with 8x4 Connections each

CP8L32(I.S)

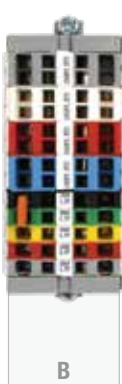
Potential Distribution Terminal Block with 32 connections

CP8L32(I.S)H

Potential Distribution Terminal Block with 2x16 connections



A



B



C



D



E



F

A Panel Mount, Screw Clamp

- CMB4, 35A
- Modular/ Stackable
- Snap-together design

B Panel Mount, Spring Clamp

- CSCP2.5T, 20A
- 2 or 4 connection version
- Modular/ Stackable
- Snap-together design
- DIN Rail option

C Micro Panel Mount, Spring Terminals

- 3 sizes
- Up to 26A/ 14AWG
- 2 or 4 connection versions
- Modular/ Stackable
- Snap-together design

D 15mm Mini Rail Spring Terminals

- Feed-Thru Terminal (CXM2.5)
- Ground Terminal (CXM2.5)
- Push-In Jumper System

Panel & 15mm Mini Rail Terminal Blocks

Spring / Screw Clamp Technology

FEATURES

- Extremely Compact wiring solutions
- Screw & Spring/ Cage Clamp Technology
- 15mm Mini Rail Terminals
- Modular Panel Mount Terminals



E 15mm Mini Rail Screw Terminal

- Feed-Thru Terminal (CMT4)
- Ground Terminal (CGMT4)

F Ceramic Terminal Block

- Suitable for temperatures up to 600°C
- 3 Sizes
- 1-4 pole configurations
- Free floating or panel mount

DIN Rail Mount Miniature Circuit Breakers



UL 489

DLS9 Series Miniature Molded Case Circuit Breaker

- Available in AC and DC models
- 0.3-63A / 240V AC, 0.3-32A / 480Y/277V AC
- 0.3-63A / 125V DC (1 pole) / 125/250V DC (2 pole)
- Thermal Magnetic
- 10kA Short Circuit Interrupting Capacity



**Lock-out version
coming 2026**



UL 508

DLS8 Series Manual Motor Controller

- Smallest in the industry
- Most Trip Curves in the Industry
- 0.3-60A/480Y/277V AC
- 0.3-25A / 42V DC (1 pole) / 80V DC (2 pole)
- 30-60A / 24V DC (1 pole) / 60V DC (2 pole)
- Thermal Magnetic
- 10kA Short Circuit Withstand Capacity



UL 1077

DLS7 Series Supplementary Protector

- 0.5-63A / 480Y/277V AC
- Thermal Magnetic
- 10kA Short Circuit Withstand Capacity



Three Phase Adjustable Trip Manual Motor Controller

- For high inrush loads
- 0.16-40A/480Y/277V AC rating
- Up to 42kA Short Circuit Withstand Capacity (depending on rating)

DIN Rail Mount Miniature Circuit Breakers

Altech Corp.[®]

**SUPERIOR Family
of Circuit Protection**

**An Industry
Leader**

Most trip curves in the industry and AC & DC models.



Unique Dual Connection Terminals

- A** Box terminal for solid conductors or flexible conductors with or without cable lug.
- B** Screw terminal for forked cable lug.



PCB Terminal Blocks



EXPANDED - now with over 20,000 parts
Selection & Styles

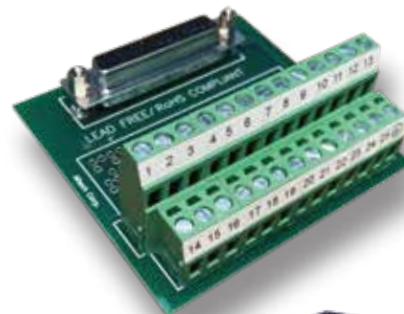
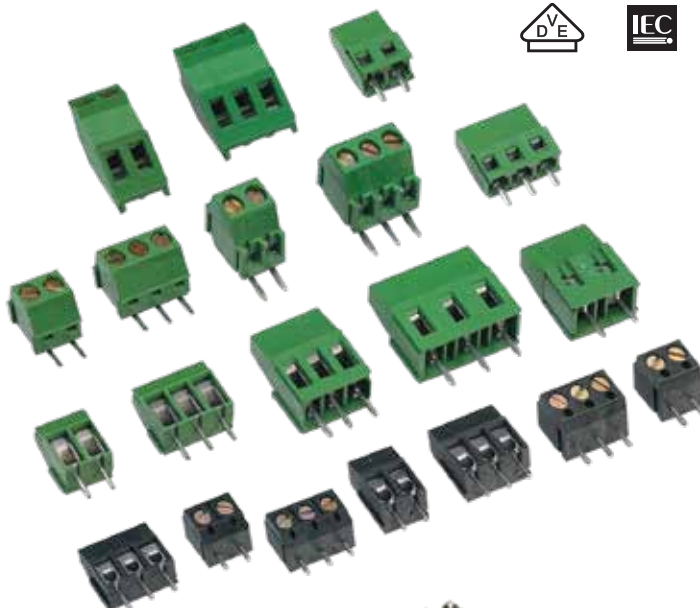
visit altechcorp.com/PCBs



Screw Clamp

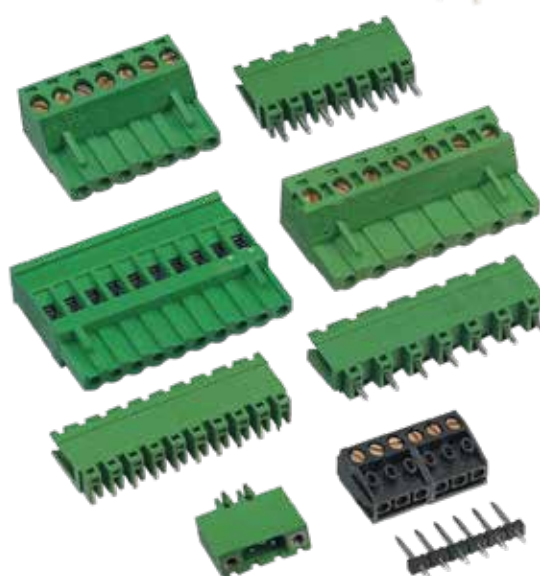
Fixed PCB Terminal Blocks

- Ratings up to 125A
- Metric (mm) and US (inch) pin spacing
- 3.50mm to 20.32mm pitch
- Single, Double, Triple Level versions
- Different clamping styles: Wire Protector & Cage Clamp & Push-In
- Open and closed clamping space
- Vertical/ horizontal types
- Angled versions for easy wire access
- Modular configuration for faster availability
- Various colors for easy wire identification
- Custom Imprints



PCB Plugs & Headers

- Metric (mm) and US (inch) pin spacing
- 3.50mm to 7.62mm
- Ratings up to 15A
- Vertical/ horizontal Plugs/ Headers
- Screw Clamp & Push-In Type connections
- Screw Flange versions for secure connection
- Double Level Headers
- Multi Connection Plugs
- Inverted Plug/ Header combinations
- Test connection for measurement and test purposes
- Coding Accessories for fail-proof connection
- Many color options
- Custom Marking options



AltechCorp.com | 908.806.9400 | info@AltechCorp.com



EXPANDED - now with over 20,000 parts
Selection & Styles

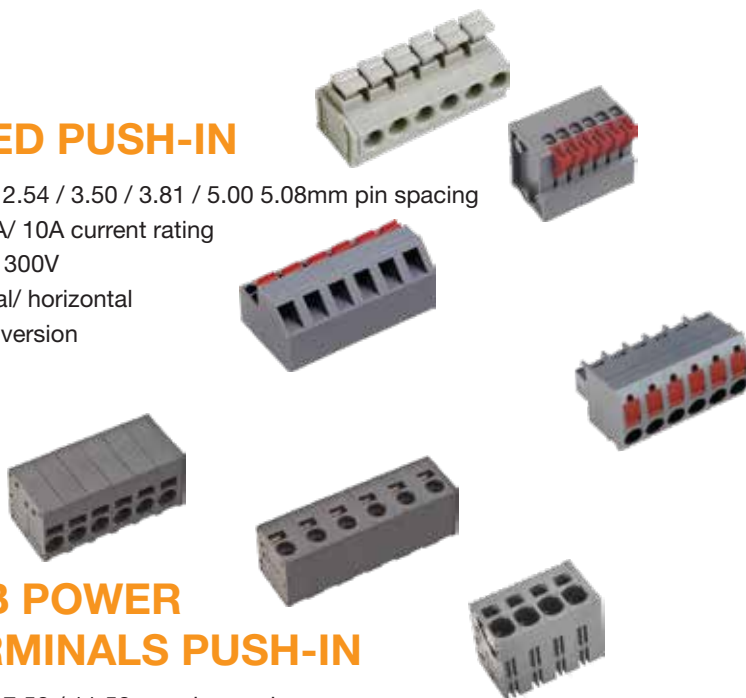
visit altechcorp.com/PCBs

Spring Clamp & Push-In



FIXED PUSH-IN

- 2.50 / 2.54 / 3.50 / 3.81 / 5.00 / 5.08mm pin spacing
- 2A / 6A / 10A current rating
- 150V / 300V
- Vertical / horizontal
- Lever version



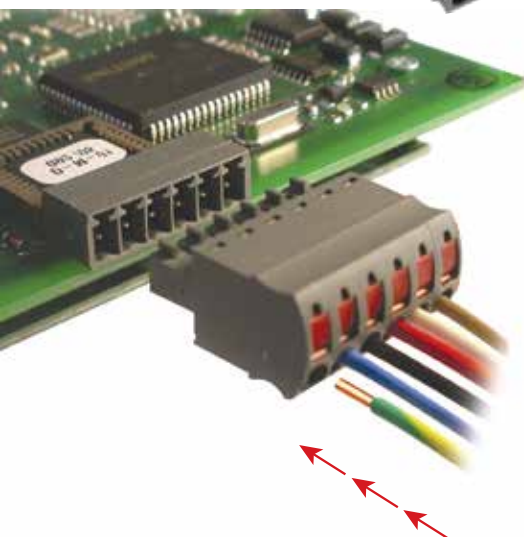
PUSH-IN PLUGS

- 3.50 / 3.81 / 5.00 / 5.08mm pin spacing
- 10A current rating
- 300V
- Screw flange



PCB POWER TERMINALS PUSH-IN

- 5.00 / 7.50 / 11.50mm pin spacing
- 20A / 35A current rating
- 300V
- Vertical / horizontal



TENSION SPRING TERMINALS

- 2.50 / 2.54 / 5.00 / 5.08 / 7.50 / 10.00mm pin spacing
- 4A / 6A / 15A / 16A current rating
- 150V / 300V
- Lever version
- Double level



Industrial Enclosures

GEOS

Tough

UV and weather resistant
Corrosion resistant
Temperature resistant -35° to 80°C
High impact resistance - IK 09

Flexible

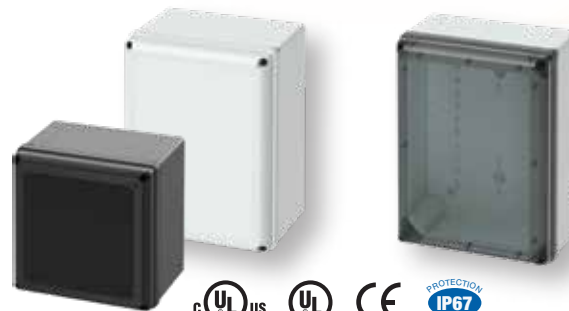
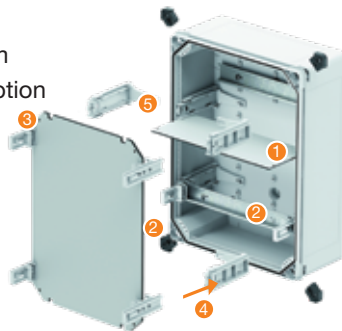
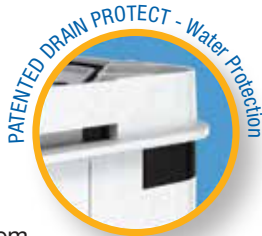
Modular component mounting system
Lightweight
Easily machined
Multiple mounting and closure options

Safe

Drain Protect seal system
Air ventilation element option
High protection rating
IP67 / UL TYPE 4X
Insulated protection

Modular Component Mounting System

- ① Partition walls
- ② Universally usable for plates and rails
- ③ Different installation heights
- ④ Subsequent insertion of modules
- ⑤ Mounting brackets, no tools needed



- 5 sizes - up to 15.75 x 19.69 x 8.9 in.
- Gray or Transparent cover
- 2 different depths

GEOS Configurator
Design your GEOS to fit your needs.

Visit: tinyurl.com/cxf4p2px



Hinged Door Models

- Can be opened quickly, easily and closed safely
- Good operability of components
- No restrictions for the assembly of internal fittings

AK III



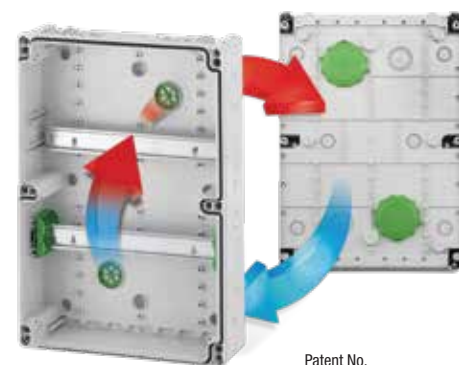
The Unique AKIII Enclosure with Patented Air Ventilation System

- Prevention of condensate water while preserving the high protection class IP65 / UL TYPE 3R
- High air exchange rate
- 100% pressure compensation
- Foreign object protection • Maintenance-free



Wide Range of Features:

- Integrated air ventilation
- Top/bottom interchangeable flange endwalls
- Height-adjustable mounting rail
- 150 mm rail spacing
- Optimized hinged window • Combinable
- Multiple installation options
- DLG focus test: Ammonia resistance
- Indoor and outdoor installation
- Free of halogen, PVC and silicone



Patent No.
WO 2015/063057 A1

Accessories available
including air ventilation element
for use in other enclosures.



Enclosure Size Range:
12.4 x 11.8 x 6.1 in to 12.4 x 29.5 x 6.1 in
Knockouts Sizes:
M40/50 - M20/25 - M20 - M20/25 - M32/40

AltechCorp.com | 908.806.9400 | info@AltechCorp.com

TK SERIES

- 18 different enclosures with up to 3 different cover heights
- IP66 (UL Type 4X); polycarbonate models only
- Polystyrene or Polycarbonate
- Gray or tinted transparent covers
- Smooth sidewalls or sidewalls with knockouts
- Multiple mounting options
- Tongue and groove with polyurethane gasket (CFC free)
- Non-flammable and halogen free



HF - EMC
models
available



50 x 52 x 35 to 360 x 254 x 165 mm
1.97 x 2.05 x 1.38 to 14.2 x 10.0 x 6.50 in



84 x 82 x 55 to 302 x 232 x 110 mm
3.31 x 3.23 x 2.17 to 11.89 x 9.13 x 4.33 in

TG SERIES

- 16 sizes available
- IP67 (UL Type 4X); polycarbonate models only
- ABS or Polycarbonate
- Gray or transparent covers
- Smooth sidewalls
- Integral cover retainers
- Flame resistant and halogen free
- Recessed cover for labels or membrane keypads
- Quickturn screws available



Custom
Assemblies
& Printing



Protect
Components

HP SERIES

- Direct mount
- Semi-rigid polypropylene
- Dust and splash proof
- Contact labyrinth seal
- IP54 protection • Non-flammable • Low halogen
- Universal entry seals • Standard rear knockouts • Drainage inlets
- Temperature range up to 100°C (212°F)

75 x 75 x 42 to 199 x 149 x 70 mm
2.95 x 2.95 x 1.65 to 7.83 x 5.87 x 3.03 in

Corrosion &
maintenance
free



EK SERIES

130 x 94 x 80 to 361 x 254 x 110 mm
5.12 x 3.70 x 3.15 to 14.21 x 10.0 x 4.33 in

- Direct mount
- Small to medium size
- Polycarbonate base and cover
- Integral seals
- Dust and moisture proof
- IP65 protection (UL Type 4X)
- High mechanical strength
- Corrosion and maintenance free
- Halogen free



ABOX Pro SERIES

- Direct mount
- Glass reinforced Polycarbonate
- IP66/67/69 protection • Integral seal
- High temperature resistance
- Corrosion and maintenance free
- Halogen free • High chemical resistance
- UV fade resistance for optimal outdoor use
- Ideal for installations in high risk fire areas



Ideal for
harsh
environments

92 x 92 x 60 to 252 x 252 x 120 mm
3.62 x 3.62 x 2.36 to 9.92 x 9.92 x 4.72 in

Find your enclosure at



altechcorp.com/Enclosures

Industrial Enclosures

AL SERIES

- Cast aluminum
- 16 enclosure sizes
- Exterior of the enclosure is protected by powder coating (silver-gray - RAL 7001)
- IP66 protection
- High degree of resistance to chemicals and other damaging materials
- Protection against electromagnetic interference (EMI)



Protect
from weather
& corrosion

50 x 45 x 30 to 330 x 230 x 111 mm
1.97 x 1.77 x 1.18 to 12.99 x 9.06 x 4.37 in

Smooth
exterior
walls



150 x 300 x 132 to 600 x 300 x 210 mm
5.91 x 11.81 x 5.20 to 23.62 x 11.81 x 8.27 in

ABOX SERIES

- 13 types
- Modern design and shape that allow for optimum use of installation space
- IP66 protection
- 2 to 4 high grade self tapping screws secure the lid
- Tongue and groove sealing system with elastomer seal
- Made from non-flammable Polypropylene



Metric
Knockouts

87 x 87 x 52 to 252 x 252 x 120 mm
3.43 x 3.43 x 2.05 to 9.92 x 9.92 x 4.72 in

AKL SERIES

- Knockout patterns are on the inside
- Up to IP65 protection
- Corrosion and maintenance free
- Polystyrene or Polycarbonate base and cover
- Polycarbonate transparent covers
- Integral seals • Halogen free
- High mechanical strength



Suspension Systems and HMI Enclosures

- Modular Design
- Aluminum and Steel Constructions
- Light Duty (up to 99 lbs.)
- Medium Duty (up to 275 lbs.)
- Heavy Duty (up to 330 lbs)
- Special Stainless Steel Tubing
- Custom HMI Enclosures

PB SERIES

- IP66
- Universal fit for 22.5 mm diameter push buttons
- Compatible with the EK and TK Enclosure Series
- Metric knockout sidewalls
- Black cover screws are standard with all models
- UV, weather and impact resistant
- Modern, rugged enclosures made of glass fiber reinforced Polycarbonate



94 x 94 x 81 to 180 x 94 x 81 mm
3.70 x 3.70 x 3.19 to 7.09 x 3.70 x 3.19 in

Cable Glands / Cord Grips

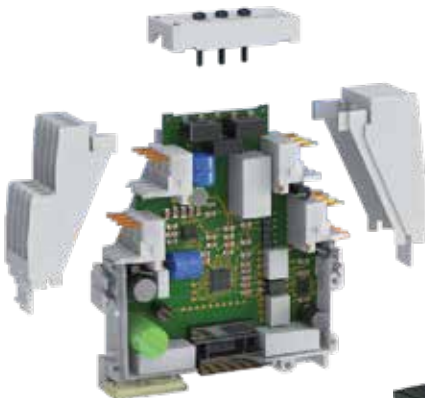
Altech Corp.[®]

- Full line of Liquid Tight 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**



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



DIN Rail Mount Electronic Enclosures



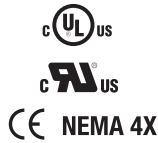
- DIN Rail or optional panel mount
- Protect electrical, electronic and electromechanical devices with any of seven DIN Enclosure series
- Up to 144 ready-to-wire terminals, integral PC Board guides and terminal-to-board connector options
- Fixed and pluggable terminal options
- In-Rail Bus System
-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

AltechCorp.com | 908.806.9400 | info@AltechCorp.com

Push Buttons - 22&30mm

Altech 22 and 30 mm Push Buttons offer ideal cost-effective solutions for control circuits utilizing both direct and remote management applications. Ease of assembly has been engineered into the design; the only tool necessary for installation is a screwdriver.

- 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
- Plastic models available
- LED Indicating Devices
- Pilot Lights
- Push Button Enclosures



NEW

**Illuminated E-Stop
with clip on terminals**



E-Stops

E-STOPS • LOCKOUTS • STOP SWITCHES



NEW

Push Button Indicators

- Temperature Indicator
- Current Indicator
- Voltage Indicator
- Frequency Indicator



NEW

**Wireless
Push Button**

Custom Push Button Assemblies

- Solutions for your applications
- Safety and reliability
- High performance
- Extensive range
- Save time



Enclosures

Polycarbonate • Aluminum



AltechCorp.com | 908.806.9400 | info@AltechCorp.com

Fuse Holders

Altech Corp.

- Broad selection and many features
- Crossable with many brands
- Complete line of accessories



200A SCR Rating



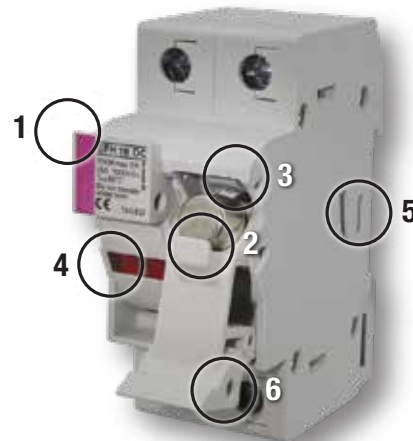
1 - Space for finger to open fuse carrier



2 - Complete protection against touch according to IP20.



3 - All contact surfaces are silver plated



4 - LED indicator is available for all sizes. The LED blinks after the fuse-link opens.



5 - Modular Design. It is easy to assemble multi-pole versions.



6 - Possibility of sealing in ON or OFF positions. (Security sealer not included)

CC & J Type



- Rejection member to allow only Class CC fuses
- Rated voltage: 600V AC/DC
- Rated current: 30A
- 1, 1N, 2, 3, 3N pole versions
- 200 kA SCR rating

IEC Type



- Rated voltage: 600V AC/DC
- Rated current: up to 100A
- 1, 1N, 2, 3, 3N pole versions
- 200 kA SCR rating
- Optional blown fuse indication

Midget Type



- Rated voltage: 600V AC/DC
- Rated current: 30A
- 1, 1N, 2, 3, 3N pole versions
- 200 kA SCR rating
- Optional blown fuse indication

European & Photovoltaic Fuses



- 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

1000V DC



Diazed



Miniature



Neozed



Cylinder



NH Knife Blade



Square Body



High Voltage



Accessories

AltechCorp.com | 908.806.9400 | info@AltechCorp.com

Foot Switches

Industrial

- Rugged construction
- Various pedal configurations
- Covers available for certain models
- Internationally approved
- Sturdy design of diecast aluminum housing
- Exceptional value for harsh environments
- Customized with nameplates, imprints, cord sets, connectors and strain reliefs.



Medical

- Available in 1, 2 and 3 pedal designs
- Robust and slip-resistant
- High quality materials, such as Aluminum cast alloy and reinforced polyamide
- Environmental protection level up to IPX8 per IEC/EN 60529
- IEC 60601-1 certified and UL 2601-1 recognized
- IEC 60601-1 general requirement for safety
- IEC 60601-6 usability
- IEC 60601-2-2 HF surgical equipment
- IEC 60601-2-22 laser equipment (surgical, cosmetic, therapeutic and diagnostic)
- IEC 60601-2-43 x-ray equipment
- Easily cleaned and hygienic
- Ergonomic design with intuitive actuation
- Custom colors and markings are available



Customization & Colors



Pin & Sleeve Devices / Receptacles



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

Safety Switches

Altech Corp.

- Keyed Safety Switches
- Solenoid Locking Safety Switches
- New RFID Non Contact Safety Switches
- Hinged Door Safety Switches
- Safety Limit Switches
- Safety Rope Pull Switches



The SMART Safety System

offers plug in convenience allowing up to 32 switches to be run in series. The system features redundant cascading OSSD outputs which eliminates the possibility of fault masking (TR24119) and offers superior diagnostics and communication via IO-Link, NFC or PLC.

Solenoid Locking



Keyed Safety Interlock Switches



Hinged Safety Switches



Safety Limit Switches



Offers the ability to integrate dry contact switches into our OSSD network.

Emergency Stop Buttons



Safety Monitoring, Diagnostics & IO Link Module

RFID Non-Contact Sensors



Plug-in Series Safety with OSSD Outputs
IO-Link Compatible; PLC & NFC Diagnostics

The SMART Non-contact Safety Sensor SRF

With an innovative diagnostic system



Daisy Chain Diagnostic System

Diagnostics on computer or smartphone



- Very compact: small in size, flexible in use
- Very Smart: suitable for Industry 4.0 with its intelligent diagnostic system
- Cost Saving: four-wire unshielded standard connection cable from sensor to sensor
- Very Safe: up to PL e – even in series connection with high defeat protection

AltechCorp.com | 908.806.9400 | info@AltechCorp.com

Switches & Sensors

Limit Switches

- With metal, plastic or hybrid switch bodies
- Housings from 1" (26mm) to 3" (82mm) wide
- Multiple contact types and configurations
- Positively driven contacts for safety applications offered
- Many different actuators available in plastic & metal
- Protection ratings up to IP67 (temporary immersion)

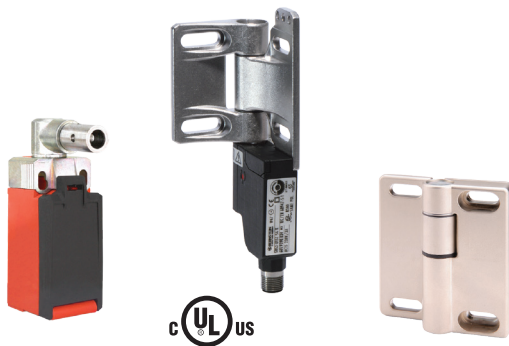


Keyed Safety Switches

- Plastic body safety interlock switches with separate actuator keys
- Three different body styles with optional M12 connectors
- Multiple contact types and configurations
- Positively driven NC contacts for safety applications
- Multiple key activation directions without disassembling
- Many different actuators keys available
- Protection ratings up to IP65 (dust tight/hose down)

Keyed Solenoid Locking Switches

- Keyed safety switches that locks access doors or panels closed
- Plastic body or hybrid with plastic body and metal head
- Locking or Unlocking when energized versions available
- Solenoid voltages for 24VAC/DC, 120VAC or 230VAC
- Multiple contact types and configurations
- Door position & lock status contacts separate
- Positively driven NC contacts for safety applications
- Many different actuators keys available
- Protection ratings up to IP67 (temporary immersion)



Hinged Safety Switches

- Functional hinge with built in safety contacts
- Saves on installation material and labor costs
- Provides a secure tamper proof installation, with no activation key
- Eliminates misalignment issues & provides minimal component wear
- Two different versions with up to 3 contacts available
- Cable or connector can exit the bottom or the back of the hinge
- Protection ratings up to IP67 (temporary immersion)

Safety Rope Pull Switches

- Allows access to emergency stop function over a long distance
- With metal, plastic or hybrid switch bodies
- Several body styles including a rugged metal & new compact version
- Latching with reset button or momentary activation
- Available with optional emergency stop button
- Quick fix rope mounting with built in turnbuckle available
- We also offer two different double sided activation switches
- Rope pull accessories are offered individually for customized installations
- Rope pull cable is sold by the meter and cut to length
- Protection ratings up to IP67 (temporary immersion)

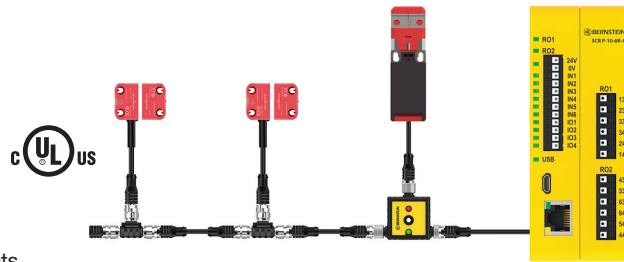


Switches & Sensors

Altech Corp.

RFID Non-Contact Safety Sensors

- RFID sensors features plug-in installation with OSSD outputs
- Up to 32 sensors can be run in series via M12 "T" connectors
- Cat 4 / PLe / SIL CL3 safety rating even when in series
- Low, High or Unique Coding with LED function indication
- Diagnostics available with PNP, IO-Link or NFC communications
- Protection ratings up to IP69 (temporary immersion)
- Can be combined with other devices; see "Smart Safety" products

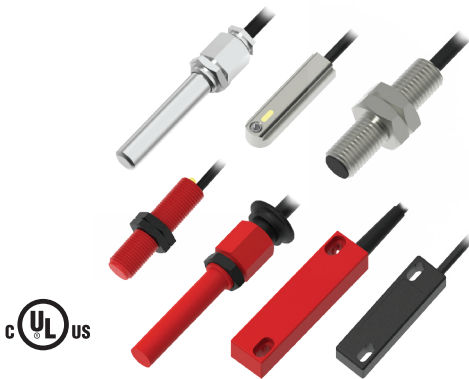


Magnetic Coded Non-Contact Safety Sensors

- Several styles available including compact and round versions
- Can be used for safety applications with a suitable monitoring safety relay
- Easy to clean with low susceptibility to non-metallic dust & liquids
- Coded magnetics offer high misalignment tolerance
- Many available with M12 connectors for easy installation
- Available with up to 3 contacts (2 Safety/1 Signal)

Inductive Safety Sensors

- Can be used in safety applications up to PL d / Sil 2 with suitable evaluation
- In M12 and M18 IP67 cylindrical housings in nickel plated brass
- Can be used to create a simple, less complex and economical safety system
- One normally closed, one normally open signals

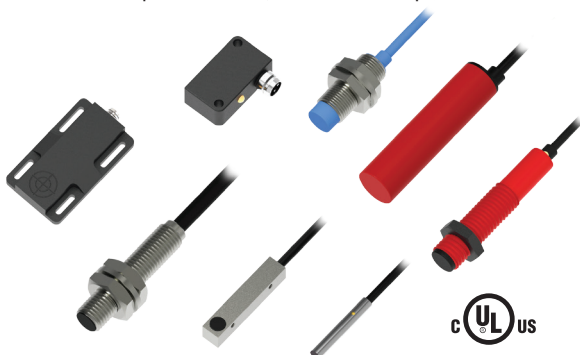


Magnetic Position Sensors

- Electromechanical using reed switches
- Sensing ranges of 6mm - 25mm with a large variety of target magnetics
- NC, NO, changeover, latching and latching changeover
- Many housings types in aluminum, plastic, stainless steel or brass
- Electronic Magnetic using Hall effect or Magnetoresistive Elements
- Sensing ranges of 2mm - 45mm offering more accurate sensing
- Many housing including cylindrical, rectangular & pneumatic cylinder mount

Capacitive Position Sensors

- Available in many sizes in cylindrical and rectangular houses
- Offered in plastic and brass, prewired or with connectors
- Can be used to detect conductive and non-conductive materials
- Will sense solids, liquids, granular or power mediums
- Suitable for product level, detection and position monitoring



Inductive Position Sensors

- Available in many sizes in cylindrical and rectangular houses
- For sensing the position of ferrous metals objects at varying distances
- In plastic, nickel plated brass and stainless steel, prewired or with connectors
- Flush and non-flush types; DC, AC, analog, namur and ATEX versions
- PNP (source output), NPN (sink output), NC contact, NO contact

Power Supplies

3-year
Warranty

Slimline

- Universal AC input (90-264V AC)
- Protections: Short Circuit / Overload / Overvoltage
- Installed on DIN rail TS35 / 7.5 or 15
- DC OK relay output
- All wiring 105°C long life electrolytic capacitors
- High operation temperature up to 70°C
- Withstands 2G vibration test
- High efficiency, long life and high reliability
- NEC Class 2 compliant
- UL 508 (Industrial control equipment) listed



Ratings: 10, 20, 40, 60 & 96W
Outputs: 5, 12, 15, 24, 48V DC



Ultra-Compact

- Ultra-Slim size
- Conformal coated PCB
- Parallel option available
- Universal input
- 150% peak load capacity
- High efficiency up to 91%
- Built-in current sharing function
- Built-in current limiting circuit



Ratings: 75, 120, 240, or 480W
Outputs: 12, 24 & 48 V DC



Low Profile

- High Efficiency
- 100% Full Load Burn-In
- Low Ripple & Noise
- Adjustable DC Voltage Output
- Class II Isolation Level
- UL62368-1 and CAN / CSA C22.2
- Protections: Overload / Over Voltage / Short Circuit



Class II Isolation



Ratings: 15, 30, 60, or 100W
Outputs: 5V-48V DC

FLEX Power Supplies

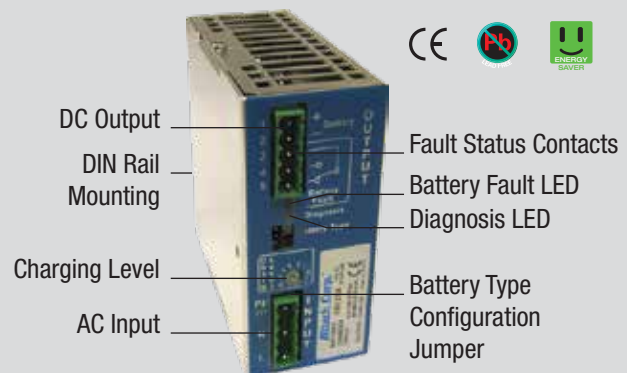
Up to 150% Power Boost for 3 Minutes
— the longest time in the industry



- Up to 25A / 600W
- Available in 1, 2, and 3-phase
- Three overload / short circuit protection modes
- Compact Housing
- High efficiency up to 92%
- Over temperature protection
- 3 year warranty



Battery Chargers



- Fully automated charging
- Three charging modes
- Available in 12VDC and 24VDC
- Suitable for most common battery types
- Adjustable charging current

**Compact & rugged
metal case**

DC-UPS Backup

UL Recognized 12 or 24 or 48 V DC

Altech Corp.



The 4 in 1 ... All-In-One DC-UPS

- Power supply, battery charger, battery care module and backup module in one device
- Three charging modes
- Available in 12VDC, 24VDC and 48VDC
- Adjustable charging current up to 35A
- Easy battery diagnosis and fault identification either by LED or external devices connected to fault
- High efficiency up to 91% via switching technology



DC-UPS 12V, 24V or 48V with MODBUS Ethernet Interface

- Power Supply
- Backup Module
- Battery Charger
- Battery Tester
- Specific battery charging profiles
- Temperature compensation charge
- Deep discharge protection
- MODBUS RTU, TCP/IP
- Built in server

All-In-One



AKKUTEC Series

- All in one Battery maintenance
- 1A to 40A DC output
- Extended battery life
- Internal Battery testing
- Virtually maintenance free
- Wide operating temperatures
- Compact and convection cooled
- Resists shock and vibrations
- Superior battery and power management
- Seamless switch overs
- Simple installation
- Cost effective over time



AltechCorp.com | 908.806.9400 | info@AltechCorp.com

DC-UPS Backup

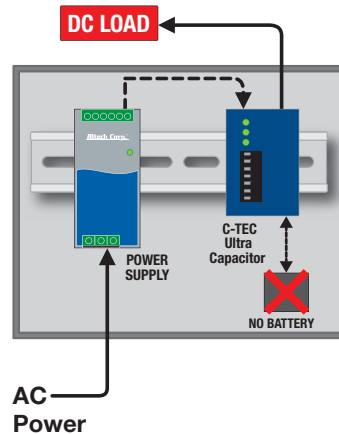
Ultra Capacitor Based Technology

DC Input - DC-UPS

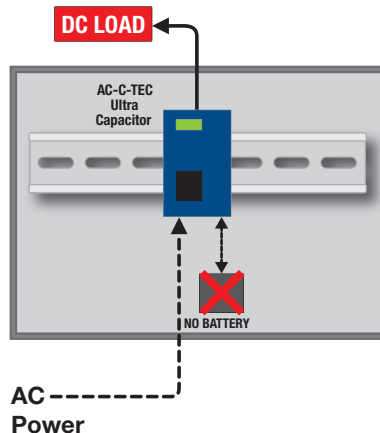
- Environmentally safe
- No toxic chemicals
- Virtually maintenance free
- Operating temperature range -40°C to +65°C
- Higher energy vs. electrolytic capacitors
- Up to 10,000 Ws energy plus extension mods
- 12 or 24V system design
- Customized systems up to 600A
- Higher power vs. batteries
- Resists shock and vibration



DC BACK UP with **DC** Input
(Power Supply required)



DC BACK UP with **AC** Input
(Power Supply built in)



AC Input

DC-UPS with Ultra Capacitors

- Integrated power supply
- 12A / 24V output
- Maintenance-free due to durable ultra capacitors
- Long operational lifetime
- Reduced wiring time due to integrated energy storage and power supply
- Microcontroller based charging and discharging of the ultracapacitors
- Input voltage-signal via potential-free contact and LED
- Short overload possible
- Vibration secured wiring via spring loaded plugs
- Wide working temperature range
- Seamless switch over
- Compact and convection cooled
- Environmentally safe and free of toxic chemicals
- Cost effective over time

NEW

12V and 24V Capacitor based UPS

- 110V AC / 220V AC input
- 12 / 24V DC output
- UL 508
- Regulated power supply with safe separation built in
- Wide input voltage range 80...264 V AC
- Wide temperature range -40 °C...+60 °C
- Maintenance-free because of built in long-life ultra-capacitors
- Microcontroller based charging and discharging of the ultra-capacitors
- Control of operation and status of charge with LED's and signal contacts



1 & 3 Phase (80-310A)

- For use with copper and aluminum cable (solid / stranded)
- 600V AC/DC
- 80A – 310A current ratings
- 6 – 11 outputs
- DIN Rail or Panel Mount
- Accessories increase the number of outputs with only one input (for specific models)
- No caps to open or remove



IP20
Finger Safe
Quick mounting
and wiring



UL 1953 Power Distribution Blocks (85-380A)

- Selectable Phase Identification
- Colored Phase (L, N, Ground) Marking Plates
- DIN Rail or Panel Mount
- Built-in IP20 slide cover for input side
- Connection Clip for multi-pole applications



Power Distribution Block for Solar Systems

- A perfect solution for Solar Combiner Box Applications
- 38690 has Solar Industry ratings
- 1500 V UL approval and a maximum current of 800 A for aluminum and copper wires
- 24 Inputs
- Easy and quick mounting



UL Approved
1500V AC/DC



Compact Hybrid Distribution

- Hybrid Distribution Terminal Block
- Screw input (115A)
- 4 spring clamp outputs (4 x41A)
- Modular system
- Standard slot & hex screw versions
- Expandable with standard CX Series jumpers and terminal blocks
- Easy Installation



Hybrid
Terminal
Block



Miniature Circuit Breaker
Distribution Example

APPLICATIONS

- Miniature Circuit Breaker (MCB) distribution
- Limited space distribution

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



Ring Sensors

- Various Sizes
- Various Diameters
- High Sensitivity
- Ultra-high Sensitivity



Flat Pack Sensors

- High Sensitivity
- Metal Detection & Localization
- Custom Dimensions and Solutions



Tunnel Sensors

- High Sensitivity
- Custom Sizes
- Various Control Options

Sensor & Actuator Cables and Connectors

- Female Connector to Flying Lead
- Female and Male versions
- Straight and Angled Connectors
- PVC & PUR Cable
- 1, 2, 5, 10m standard cable length
- Front/ Rear Mount connectors
- Screw & Solder Connection
- A Coding

M8 & M12

Custom Cable Lengths Available

Molded Sensor & Actuator Cable Assemblies



Straight Connector

Angled Connector

Field-Wired Connectors



Angled Connector

Straight Connector

Front/ Rear Panel-Mount Connectors



AltechCorp.com | 908.806.9400 | info@AltechCorp.com

Motor Contactors, Overload Relays & Manual Motor Starters

Altech Corp.[®]

MC Series Contactors

- 8 Frame Sizes
- 1/2HP up to 600HP @ 600V AC
- Reversing Wiring Sets and Interlocks
- Direct Wiring Adapters for MMS
- Coil Surge Suppressors



AC-3 Amperage Rating	9A to 150A
AC-1 Amperage Rating	25A to 210A
Coil Voltage	24VAC, 24VDC, 120VAC, 208VAC, 230VAC & 480VAC
Horsepower (@3x230VAC)	3 to 50hp

Type R

Manual Motor Starters

- DIN Rail and Screw Mounting
- Lockable Handle in OFF position
- Finger safe terminals
- Class 10 thermal Overload protection
- Trip test feature
- Phase failure protection
- Adjustable thermal release
- Type F combination Manual Motor Controller (with MC-Series Contactor)
- Wide range of common accessories



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



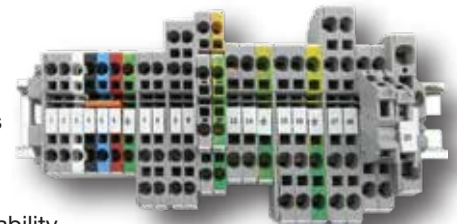
Custom Assemblies Shown

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)

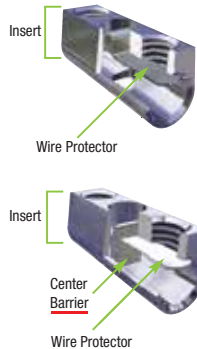
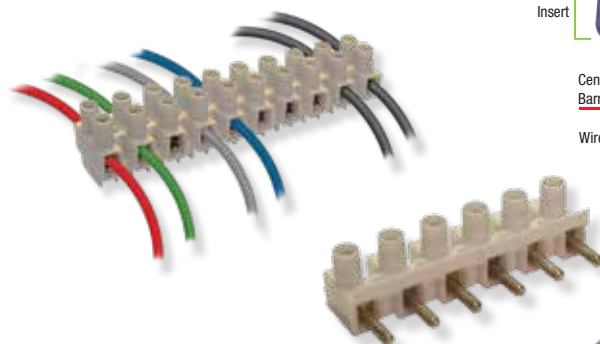


AltechCorp.com | 908.806.9400 | info@AltechCorp.com

Terminal Strips & Ferrules

Terminal Strips Eurostrip® Style

- Up to 63A
- Easy Mounting and Connection
- Reliable Connection Every Time
- Feed-through Flat Base (300V)
- Feed Through Standoff Feet (600V)
- Pluggable Version
- Various Accessories



Ceramic Blocks Euroblock™ Style

**HIGH
Temperature**

- 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



UL Recognized Ferrules

- UL Single Insulated Wire Ferrules
- 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



CRIMPIT F MULTI Multi Function Wire Prep & Ferrule Crimper

- Automatically Loads Ferrule
- Crimps Ferrules from
20 AWG to 14AWG
- Built in Lead Wire Stripper / Cutter



Automated Ferrule Crimping Machines

- Various models available



Current Monitor Relays



Features

- Current Monitoring 1 & 3 Phase
- 20mA, 1A, 5A
- AC/ DC (16.6-400Hz)
- 2 x DPDT Outputs
- 22.5mm Wide Industrial Design

Functions

- Overcurrent monitoring
- Undercurrent monitoring
- Window function
- Window function + latch
- Latch function



Voltage Monitor Relays



Features

- Voltage Monitoring 1 and 3-Phase
- 30V, 60V, 300V AC/DC
- Measure 1.5V - 300V
- 2 x DPDT Output
- 22.5mm Wide Industrial Design
- Multi Function

Functions

- Overvoltage monitoring
- Undervoltage monitoring
- Window function
- Latch function



- Phase Sequence Monitoring
- Phase Failure Monitoring
- Phase Asymmetry (adjustable)
- Tripping Delay



NEW

Alsense Energy Monitor

- 1- and 3-Phase Universal Energy Meter
- Up to 277 VAC (L - N)/ 480VAC (L - L)
- Usage with external CT
- 1 x digital input
- 2 x digital outputs
- Measured values provided via Modbus RTU/ RS485
- Line to neutral voltage measurement



Universal Monitor

- The DO-1 is used with Modbus
- Collects, monitors, analyzes, & diagnoses data, and provides alerts of potential issues in your system
- Universal application at low cost
- Monitoring up to 128 Modbus RTU / TCP devices
- Web based software included
- Do-it-yourself - easy configuration
- Individual dashboard creation

Selection Table

Monitoring Part Number	Phases	Supply Voltage	Voltage Measurement		Current Measurement	Monitor Function							Relay Output	
			AC	DC		Over	Under	Window	Phase Loss	Sequence	Trip Delay	Latch	SPDT	DPDT
ALSENSE ENERGY MONITOR														
AMR-ES3M480V5A2M	3	External	480/277V	—	5A	—	—	—	—	—	—	—	—	—
CURRENT														
AMR-AI1M5A2D	1	Monitor	-	-	20mA, 1A, 5A	x	x	x	-	-	x	x	-	x
AMR-AI3M5A2D	3	Monitor	-	20mA,	20mA, 1A, 5A	x	x	x	-	-	x	x	-	x
VOLTAGE														
AMR-AP1M300V2D	1	External	30V, 60V,	30V, 60V, 300V	- 300V	x	x	x	-	-	-	x	-	x
AMR-AP3U690V2D	3	Monitor	180-690V	-	-	-	x	-	x	x	x	-	-	x
AMR-EP1F480Y277V1D	3	Monitor	480/277V	-	-	-	-	-	x	x	x	-	x	
AMR-EP1M230V1	1	Monitor	24V, 300V	24V	-	-	x	x	-	-	-	-	x	-
PRSV600-2		Monitor	600VAC	—	—	x	x	—	x	x	x	—	—	x

Relays



**NEW
with Push-in
Terminals**



**NEW
Bistable
Switching**



Industrial Relays

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



Safety Relays

- Feature forced-guided contacts
- Broadest line of Safety Relays that meet the ASME requirements
- Relays meet 2006/42/EC requirements
- IEC / EN 60204, IEC/EN 62061 and DIN/VDE 0113
- Available from 2-8 contacts, 6-10A, 5-220V DC coils



Slimline Relays

- Only 6.2mm thick
- Slim DIN Rail mountable interface solution
- SPDT or DPDT configuration
- Screw clamp, spring clamp or push-in
- 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



Slimline Solid State Relay Modules

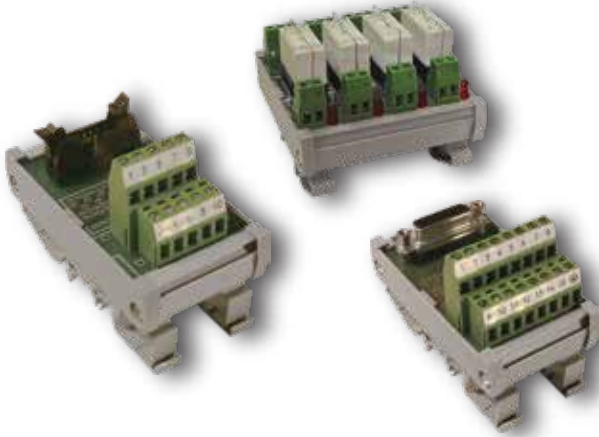
- Screw clamp terminals
- Push-in terminals
- Spring clamp terminals
- 5V DC - 240 VAC/DC input circuit
- Multicolor jumpers available
- Slim Socket width is 6.2mm
- SPDT or DPDT configuration
- LED indication
- DIN Rail mounting
- UL recognized



Miniature Solid State Relays (SSR)

- Optically isolated relays
- AC or DC load output up to 4A
- 5-24 VDC input circuit
- Low on-state resistance
- Low input power consumption
- TTL and CMOS compatible
- RC networks (V AC)
- MOSFET output thyristor (V DC)
- PCB or Socket mounting





Interface Relay Modules

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

Enclosed Relay Modules

- Compact and secure mounting
- Assures no-shock, IP20
- Custom configurations up to 32 channels
- True 10A performance
- Highly ergonomic wire entry



Digital Panel Meters

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



Process Controllers

- Temperature Controllers
- Earth Leakage Relays
- Voltage Protection Relays
- Current Protection Relays
- Process Indicators
- Timers



UL Busbars

- More reliable and cleaner than wiring
- UL 508/ UL 1077 Busbars are rated up to 200A
- UL 489 Busbars with ratings up to 115A
- Cutable models
- Universal - fits most miniature molded case circuit breakers, manual motor controllers and supplementary protectors



Save Space, Time & Money



50% Assembly Time Saved!

youtu.be/0ppmdmTzk0U

Watch this video to see the proof



UL 1077 Recognized Supplementary Protector/ Circuit Breaker for Equipment

- Electrical Ratings: 0.5-16.0A / 240V AC, 50/60Hz, 32V DC / 24V DC (VDE)
- 3 different sizes
- Various actuators
- Applications:
Protection of control transformers, UPS, power strips, solenoids etc., against damage due to overload conditions



TR11



TR20



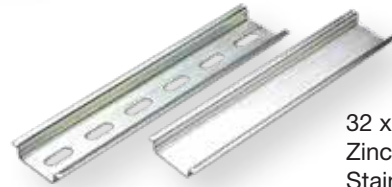
TR30

AltechCorp.com | 908.806.9400 | info@AltechCorp.com

DIN Rail

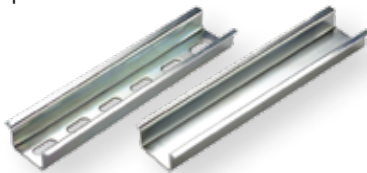
Easy mounting of terminal blocks, power supplies and other control components and devices.

- Space saving
- Reduces labor
- Altech DIN Rails comply with DIN EN60715, EN50022, EN50035, EN50045 standards
- 35mm, 32mm and 15mm versions
- 1m and 2m standard length
- Perforated, unperforated
- **CUSTOM LENGTHS AVAILABLE**



32 x 7.5 mm
Zinc-plated steel,
Stainless or
Aluminum

35 x 15 mm
Zinc-plated steel



15 x 5.5 mm
Zinc-plated steel



32 x 15 mm
Zinc-plated steel

End Clamps



Support Brackets

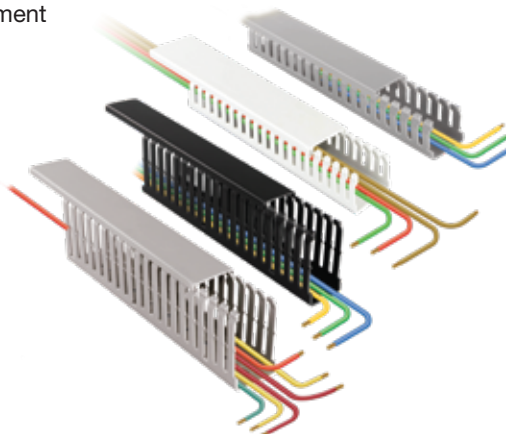


Universal DIN Clips

Wire Duct

- Smaller footprint for better fit in panels
- Breakaway sidewall feature added
- Taller ducts have wire separation points at mid point of sidewall fingers for better wire management
- Exceptional wire protection
- Non-slip interlocking covers
- High-impact, rigid PVC construction
- Standard slotted or thin slotted models
- Sizes range from 1x1.5 in. to 6x4 in.
- Noryl material also available
- Grey, white and black available

Updated Design



Timers & Relays

Universal Digital Multi-Timer

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



Programmable Panel-Mount Digital Multi-Timer

- 33 Built-in Timing Functions
- Supply Voltage 110-240 VAC
- 7 Segment Digital LED Display
- 2 Separate Output Channels
- Wide Timing Range 0.1s - 999 days
- Compact Design
- Panel & DIN rail (11-pin socket) mount



Smart Relays

- Supports up to 48 I/Os (32 digital inputs & 16 digital outputs)
- DST Feature Available
- Backlit LCD Screen for display & modification of preselected 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



Digital Time Switch

- 25 ON/ OFF Programs
- LCD Display for Time and Program Information
- Various Supply voltages
- Settable Daylight Savings Time
- Keypad Lockable • Simple Manual Override
- 12/ 24h time format • DIN Rail Mount



Universal Multi-Timer

- Multifunctional Timer (10 Functions)
- Asymmetric Timer (2 Functions)
- Universal Voltage 12-265V AC/ DC
- Wide Time Range: 0.1s ~ 100h
- LED Indicator for Power and Relay Status
- DIN Rail Mounted
- 17.5mm Width

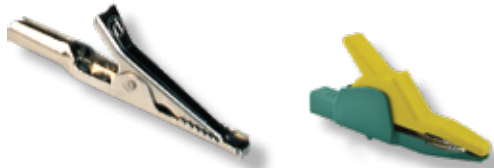


Programming Features

- 250 lines of ladder programming
- 16 soft text messages, Time Switches, Compare Counters, Timers, Counters & 12 analog functions

Starter Kits





Alligator Clips

Large jaws that pack a punch



Test Probes

The right probe pressure for manual fieldwork and in electronics



Sockets

Wherever a safe plug-in connection is required



Measuring Leads

Robust, flexible, long-lasting

Clamp-Type Test Probes

Measuring voltage quickly and easily



Sets

Plugs

Used everywhere in industrial research and development



Mechanical Thermostats

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



Tower Lights

Stackable Lights

- Sleek & Stackable Design
- SMD LED Technology
- Uniform & Bright Illumination
- Continuous, Flashing and Rotary Integrated LED Light Modules
- Flexibility to upgrade from Single LED Unit to multiple LED
- Optional features



Multi-Color LED Light

- Flashing and normal LED mode available in same module
- 90 dB Buzzer • Multi-function LED signal tower
- Continuous mode or flashing mode
- M22x1.5 mm mounting option
- UV stabilized plastic housing
- Direct mounting on the cabinet
- Pole mounted for better viability
- 1m cable included



Single Unit - 5 colors:

White | Red | Blue | Yellow | Green

One unit can light up in 5 different colors.

Or Single color unit is also available (24V only).

Signaling Devices

- Fireproof plastic body
- Polycarbonate lens
- Surface mount
- Water resistant
- Dust proof
- UV resistant
- LED design, no mechanical parts
- Long life
- 8 Different signal variations



LED Panel Lights

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

This image shows a single sheet of white paper with horizontal blue ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.



40 years
Altech[®]
 1984 - 2024
 Automation & Control Components



Altech Corporation
 35 Royal Road
 Flemington, NJ 08822-6000
 P 908.806.9400 • F 908.806.9490
www.altechcorp.com

Altech Corp.[®] PPLINE01-2025-6K
 Printed August 2025