Altech Corp.®

Your Source for Automation & Control Components

Certified System™
ISO 9001
QMI-SAI Global



PRODUCTS OVERVIEW

NEW Products

Altech®

DC Motor Disconnects Switches

- 40A/600V AC • 40A/48V DC

Switching mechanism actuation is independent from the operator





Handle

Door mount version shown

UL C US PENDING

New Rating for KU363N

- 60A/48V DC (3 Pole in series)



Safety Relays



Enclosed Relay Modules

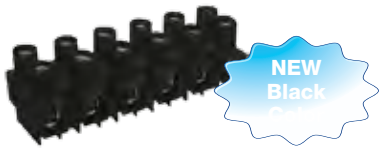
- Next Generation - Compact - Fully Enclosed
- Assures no-shock, IP20
- Custom configurations up to 32 channels
- True 10A performance
- Highly ergonomic wire entry and status indicators
- Pre-installed long tail jumpers
- Industry first long-life laser marking
- Compact and secure mounting







Terminal Strips Eurostrip®





Slim Line Relays

Shown with RSA-8P adapter

An even larger selection of ...

Emergency-Stop Switches and Enclosures

Metal or Plastic Enclosures

Metal Push Buttons

Non-Illuminated

- Turn to release type
- Pull to release type
- Key to release type
- Momentary type



Plastic

Illuminated Type



Padlock

Shroud





Illuminated

Accessories

- Pull to release type
- Shrouds
- Padlocks
- Mounting Brackets
- Markings



Metal Enclosure



Non-Illuminated



Combine e-stops with enclosures

NEW Products

Altech®

Low Profile & Ultra-Compact DIN Rail Power Supplies

3-year Warranty

Low Profile

15, 30, 60, or 100W



Input: 90-240VAC 50/60Hz
Output Voltage: 5V-48V DC

- 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

Ultra-Compact

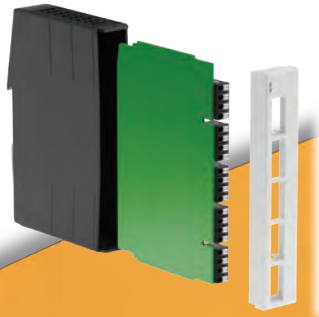
75, 120, 240, or 480W



Input: 85-264VAC 47/63Hz
Output Voltage: 12, 24 & 48 V DC

- 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

KV 4600
Modular and Innovative Enclosure System





- Modular and innovative enclosure system
- Integrated fixed and pluggable connection technology options
- Housing, front plate and terminal arrangement can be custom configured
- More connections on less width - up to 40 pins per 22.5 mm module
- Module widths of 12.5, 17.5 and 22.5mm with multiple installation depths available



UL 489 Circuit Breakers

- Miniature Molded Case
- Available in AC
- 0.2-63A/240V, 0.2-32A/480Y/277V AC
- 10kA Short Circuit Interrupting Capacity

c UL us

Coming second quarter of 2023

Table of Contents & Typical Application Chart

PAGES

CIRCUIT PROTECTION DEVICES (Circuit Breakers, Contactors, Disconnects, Fuses, Fuse Holders, Power Distribution) 6-8



Automotive
HVAC
Metal working i.e. CNC machines
Pollution control
Test equipment
Trains
Water desalination
Extrusion equipment manufactures
Hydraulic control
Packaging machinery
Semiconductor
Theater lighting
UL 508 A panel shops
Wind generation
Food equipment manufactures
Irrigation, waste
Paint heating machinery
Solar combiner boxes
Traffic control systems
Water & sewage
Yachts

DC-UPS Backup 27



Assembly production
Building technology
Electronic automation
Machinery construction
Photovoltaics
Safety engineering
Steel production
Textile machinery
Wind turbines
Automation
Data centers
Feeding systems
Molding machines
Power supply
Ship building
Switchgear production
Tunneling machines
Automotive industry
Disability assistance
Industrial PC
Packaging
Rail vehicles
Stations control technology
Telecommunications and control
Water supply

DIN RAIL POWER SUPPLIES 26



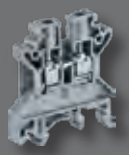
Aircraft applications
Automation engineering
Control panel application
Elevator / escalator applications
IT
Low voltage applications
Oil refineries
Vending machine
ATM
Automation process
Data centers
Home automation controller
Led lighting
Machine safety applications
Smart building applications
Wind turbines
Automatic door
Automotive applications
Electrical appliances
Hospitals
Led signage/ display
Oil and gas stations
Solar panels applications

DIN ENCLOSURES 21



Alarm modules
Home automation
Meters
Safety controllers
Sensor controls (liquid level)
Temperature controller
Transducer
Analyzers
Insulation monitor
Power monitor
Safety modules
Signal converter
Test devices
Transmitters
Encoders
Interface relays
Power sensor
Sensing and monitoring devices
Surge suppressor
Timers

DIN RAIL TERMINAL BLOCKS (Terminal Blocks, Eurostrips®, Ceramic Blocks, DIN Rail, Ferrules) 10-15



Appliances
Food equipment manufacturers
Hot melt glue guns HVAC manufacturers
And HVAC panels
Street light camera systems and cabinets
Environmental chambers
Furnaces
Medical equipment, pump
Military
Transportation i.e. Railway, bus lines
Floor light boxes
Heaters
Price sensitive wiring applications
UL 508 A panel shops

DISCONNECT SWITCHES 9



Conveyor control i.e. Warehousing
Food processing
Portable power stations
UL 508 A panel shops
Theater lighting
UL 508 A panels
Wind generation
Door lifts
Metal stamping machines
Robots
Solar combiner boxes
Traffic control systems
Water & sewage
Yachts
Fire control systems
Municipal pump stations
Surge protection equipment
Test equipment
Trains
Water desalination
Power Distribution

DISTRIBUTION POWER BLOCKS 22



Commercial
Military
Switchgear
Control panels
Power distribution system
Wind generation
General industrial
Solar industry

INDUSTRIAL ENCLOSURES 18-20



Agricultural – feed/water devices
Conveyor systems
Gas detector
Lighting junction box
Monitoring and sensing devices
Solar
UL 508 A panel shops
Alarm systems
Cranes
HMI
Machine builders
Power distribution boxes
Switch box
Vehicle tracking/monitoring
Control boxes
Disconnect box
HVAC
Mining
Refrigeration
Terminal boxes
Water treatment

PAGES

LIQUID TIGHT STRAIN RELIEFS 21



- Any enclosure application (terminal box, distribution box, etc.)
- Control enclosures
- Sensor applications
- Water treatment
- Machine builders
- Solar
- Automotive
- Petroleum industry
- UL 508 A panel shops

PCB TERMINAL BLOCKS 16-17



- Circuit board manufacturers
- Irrigation control systems
- Contract manufacturer's
- Medical devices
- Electronic test equipment
- Panel shops

PUSH BUTTONS AND E-STOP 24



- Control panels
- Conveyor systems
- Motor controllers
- Medical treatment and diagnostic
- Metalworking
- Food processing
- Packaging equipment
- Lifting/moving equipment
- Electronic production equipment
- Compressor control
- Construction/building material handling
- Industrial automation
- Sorting machines
- Contactor control
- Lifting/moving and transportation Equipment
- Wood production
- Printing
- Semiconductor fabrication equipment
- Plastics & rubber processing
- Paper & cardboard production equipment
- Laundry/dry cleaning facilities
- Equipment control
- Automated door controls
- Human machine interface (HMI) controls
- Overhead and gantry crane controls
- Textile production
- Medical laser & x-ray equipment
- Pumping station control
- Materials handling
- Inspection/testing equipment
- Transportation equipment control

RELAYS (Safety, Miniature Solid State, Interface Relay Modules, Smart Relays, Industrial, Slimline) 30



- Bailers
- Emergency stop modules
- Lift equipment
- OEM's
- System integrators
- Conveyor systems
- Instrumentation / PLC houses
- Light curtains
- Railway
- UL 508 panel shops
- Elevator/escalators
- Laser systems
- Machine safety
- Sorters

SAFETY & LIMIT SWITCHES 28



- Agricultural equipment
- Elevators & escalators
- Machine tool
- Printing
- Automotive
- Food processing
- Metal forming
- Robotics
- Conveyor systems
- Injection molding
- Packaging
- Woodworking

SENSORS (Inductive, Metal Detection) 29



- Agriculture
- Food industry
- Plastic industry
- Automotive
- Military applications
- Recycling
- Fish nursery
- Rail car manufacturer

TIMERS 31



- Car washes
- Process control equipment
- Consumer electronics
- Toll gates
- Industrial equipment
- UL 508 A panel shops

TOWER LIGHTS 35



- Automated assembly lines
- Control cabinets
- Machine status indication
- Visualize reduction in time-loss from down-time
- Automated conveyor system
- Equipment monitoring from a remote station
- Processing machine
- Warehouse automation
- Call for parts, service, or pickup
- Grocery stores
- Remote monitoring
- Warning indication

OTHER PRODUCTS

CONTACTORS 25
CUSTOM ASSEMBLIES 32
DIN RAIL 15
DIGITAL PANEL METERS 32
FOOT SWITCHES 33
FUSES 23
MARKING SYSTEMS 15
MECHANICAL THERMOSTATS 34
PANEL FILTERS 34
PIN & SLEEVE DEVICES 33
PROCESS CONTROLLERS 32
SMART RELAYS 31
SUSPENSION SYSTEMS 20
TEST AND MEASUREMENT 34
WIRE DUCT 35

Miniature Circuit Breakers

SUPERIOR Family of Circuit Protection

An Industry Leader

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



1 Hinged terminal cover design allows easy access to terminal screws with a broad range of screwdrivers!



2 Individual Part Number is shown on each circuit breaker and is legible when installed in the panel.

3 DIN Clip can be released when necessary.



4 Flexible replaceable terminal barriers reduce the possibility of breakage if accidentally dropped!

Dual Connection Terminals

A Box terminal for solid conductors or flexible conductors with or without cable lug.
B Screw terminal for forked cable lug.
C Screw terminal for ring tongue connection.



Miniature Circuit Breakers

An Industry Leader



UL489

UL(AC), DL(DC) Series

- Available in AC and DC models
- 0.3-63A / 240V AC, 0.3-32A / 480Y/277V AC
- 0.3-60A / 125V DC (1 pole) / 250V DC (2 pole)
- Thermal Magnetic
- 10kA Short Circuit Interrupting Capacity

c UL us
LISTED
C.B.
E329510







UL508

V-EA 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

c UL us
E511762



c UL us
E137915



c UL us
E511762

Three Phase Adjustable Trip

Miniature Circuit Breakers/ Manual Motor Controllers

- For high inrush loads
- 480Y/277V AC rating
- Interrupt Capacity

UL1077

UR Series Supplementary Protector

- 0.5-60A / 480Y/277V AC
- Thermal Magnetic
- 10kA Short Circuit Withstand Capacity

UL Busbars

Save Space, Time & Money

- Better and cleaner than wiring
- UL 508/ UL 1077 Busbars is rated up to 200A
- UL 489 Busbars with ratings up to 115A
- Cuttable models
- Universal - fits most manual motor controllers and supplementary protectors





UL508 & UL1077



UL489

NEW UL489 Cuttable



50% Assembly Time Saved!

youtu.be/OppmdmTzkOU

Watch this video to see the proof



UL1077 Recognized Supplementary Protector/ Circuit Breaker for Equipment

- Electrical Ratings: 0.5-16.0A / 240V AC, 50/60Hz, 32V DC / 24V DC (VDE)
- 3 Operating



TR11

Applications:

Protection of Control Transformers, UPS, Power strips, Solenoids etc., against damage due to overload conditions.

TR30





TR20

Disconnect Switches Open or Enclosed

UL 60947-4-1 (formerly UL 508)

- Up to 150A/600V
- UL 508 Listed Manual Motor Controllers for AC Motor
  Across-the-line, AC General Use.
- 30A / 600V AC Fused Disconnect
- Suitable for Motor Disconnect Means
- 80A disconnect is smallest in industry
- Horsepower rated to 75hp
- Extended and direct handles, toggle switches - DIN Rail and panel mount
- Enclosed plastic, aluminum, sheet metal, and stainless motor disconnect switches





Polycarbonate

- Can be used locally at the motor
- IP65 rated • UL Type 4X
- UV resistant
- Resistant to many chemicals

All Stainless Steel with slanted hood





Stainless Steel

- UL Type 4X • IP66 rated
- Resistant to many chemicals
- Stainless steel (Grade AISI 316)
- Corrosion resistant

Aluminum

- UL Type 4X • IP66 rated
- Excellent in harsh weather conditions
- UV resistant
- Resistant to many chemicals
- Lockable and Defeatable Handle



Sheet Metal

- UL Type 4X • IP66 rated
- UV and Corrosion resistant
- Resistant to many chemicals
- Lockable and Defeatable Handle



New DC Disconnect

- 40A/600V AC
- 40A/48V DC

Switching mechanism actuation is independent from the operator



Door mount version shown

PENDING



Handle



Sheet Metal



Polycarbonate





Stainless



Optional clear blue touch protectors

UL 98
60 A & 100 A

- One design used in direct and extended handle applications
- Horsepower rated
- Enclosed switches are available in plastic, sheet metal and stainless steel enclosures
- Every design is lockable in OFF position
- Switching mechanism speed is independent from the operator
- Silver contacts ensure safe and durable operation

DIN Rail Terminal Blocks

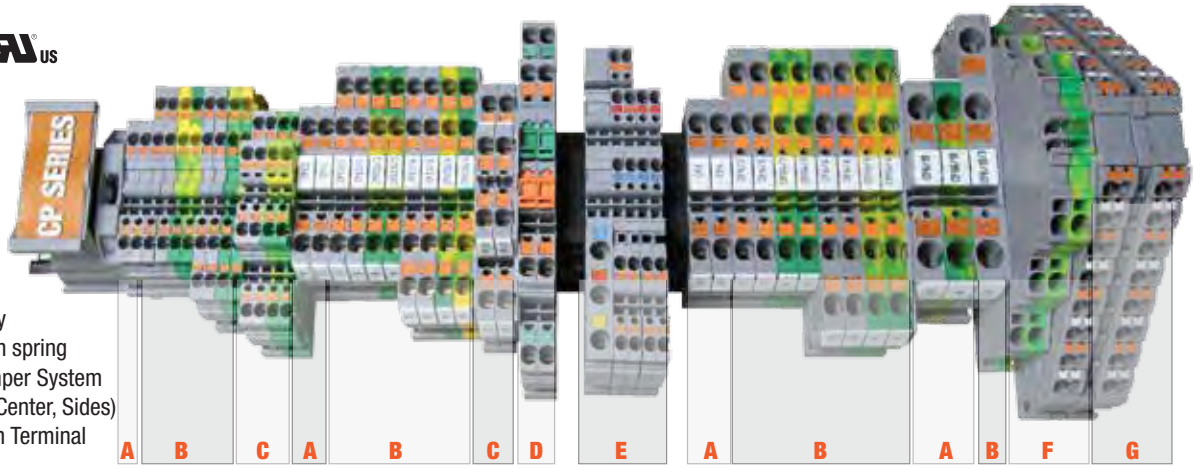
- Complete Broad Line
- High Quality
- Extremely Competitive
- Many Styles & Configurations
- Screw, Spring or Push-in Technology
- UL Recognized



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

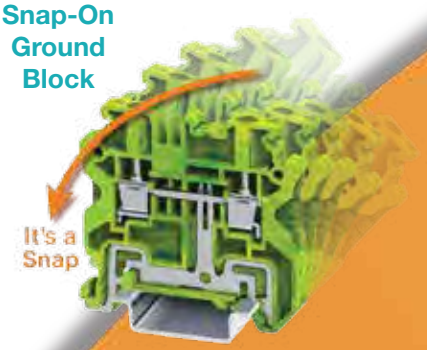
C Disconnect Terminals
- Knife Disconnect (CYK4

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



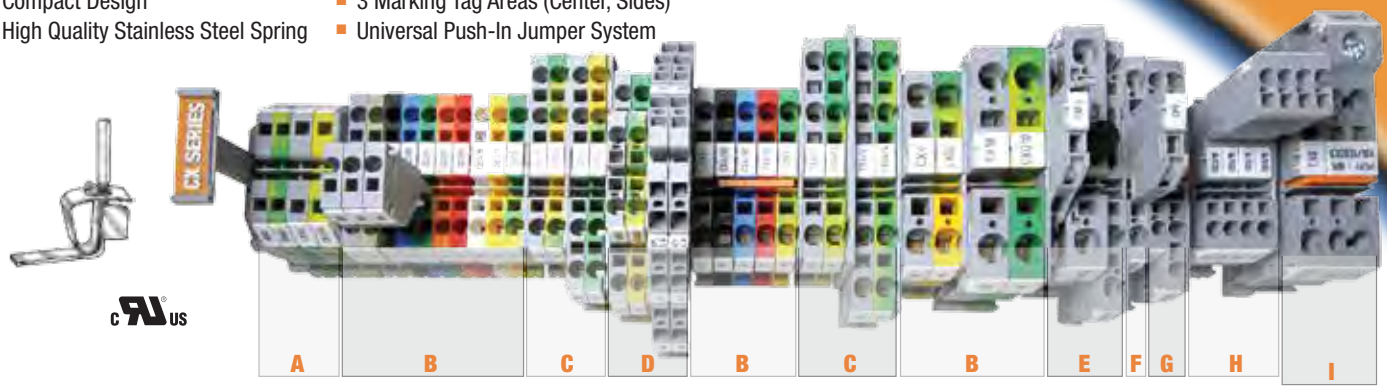
DIN Rail Terminal Blocks

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)

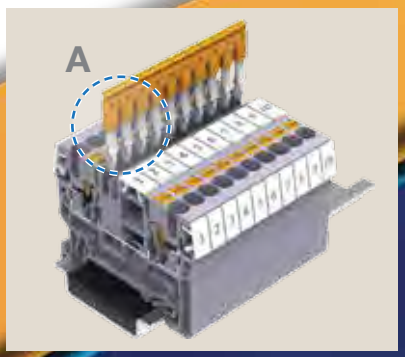
F Plug-In Component Carrier
- Fuse Plug 5x20mm (CPF)
- Diode Plug (CPD)
- Flexible Plug options

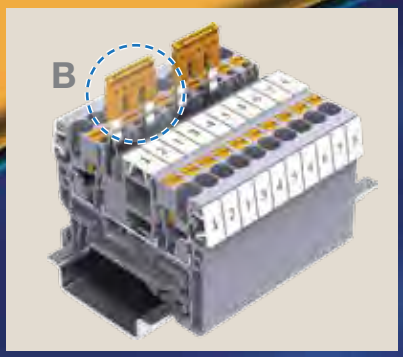
G Disconnect Terminals
- Knife Disconnect
- 5mm, 6mm version
- 2 or 4 connections

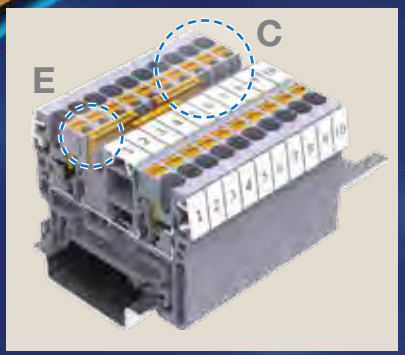
H Pluggable Feed-Thru Terminals
- Stackable Terminal Plug (CX2.5PN)
- Pluggable Wire to DIN Rail
- Pluggable Wire to Wire
- Various bases: (2, 3, 4 connections, double level)

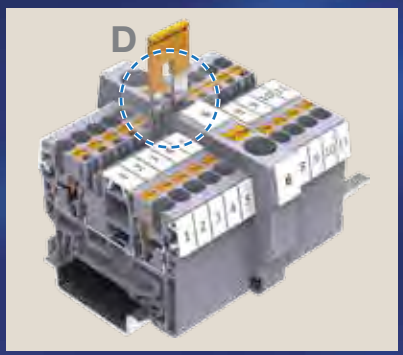
I Hybrid Distribution Block
- Screw Input (115A)
- 4 Spring/ Cage Clamp Outputs (4x41A)
- Modular system
- Expandable with standard CX6 Terminals and JX6 jumpers











Universal Push-In Jumper Technology

Compatible with Spring, Screw and Push-In Terminals.

- CP Series
- CX Series
- CY Series

FEATURES

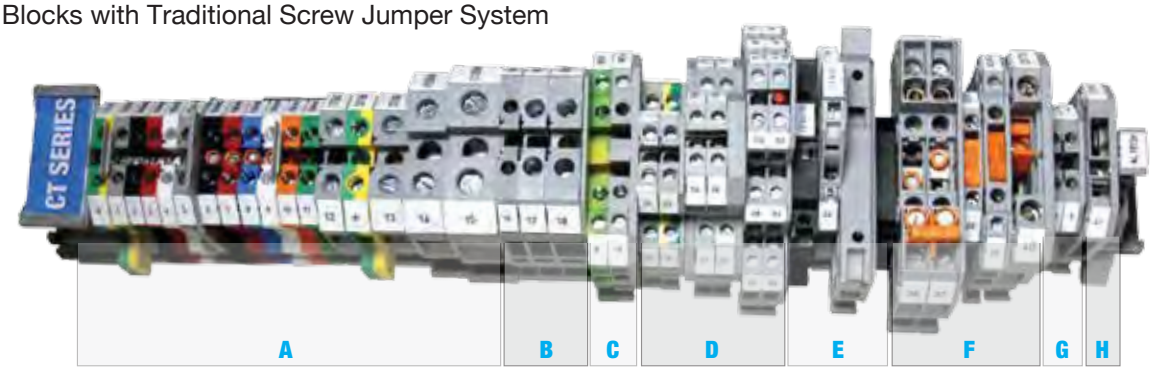
- **A** Standardized in various pole configurations
- **B** Easy breakout pins to skip terminals
- **C** 2 jumper channels for various circuit options
- **D** Step down jumpers to short different wire size terminals
- **E** Felt-tip pen marking area

DIN Rail Terminal Blocks

CT Series

Screw Clamp Terminal Blocks with Traditional Screw Jumper System





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)

- **Fuse Terminals**
- 5x20mm fuse type (CF4U, CF4SP)
- Double Level (DDFL4U)
- ¼ x 1¼ (CAFL4U)
- LED Indicator

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

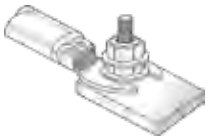
G Thermocouple Terminals
- K, J, T, E Type
- Includes markers (+, -)

H Tab Connection Terminals
- Standard "Quick-Connect" Tabs

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

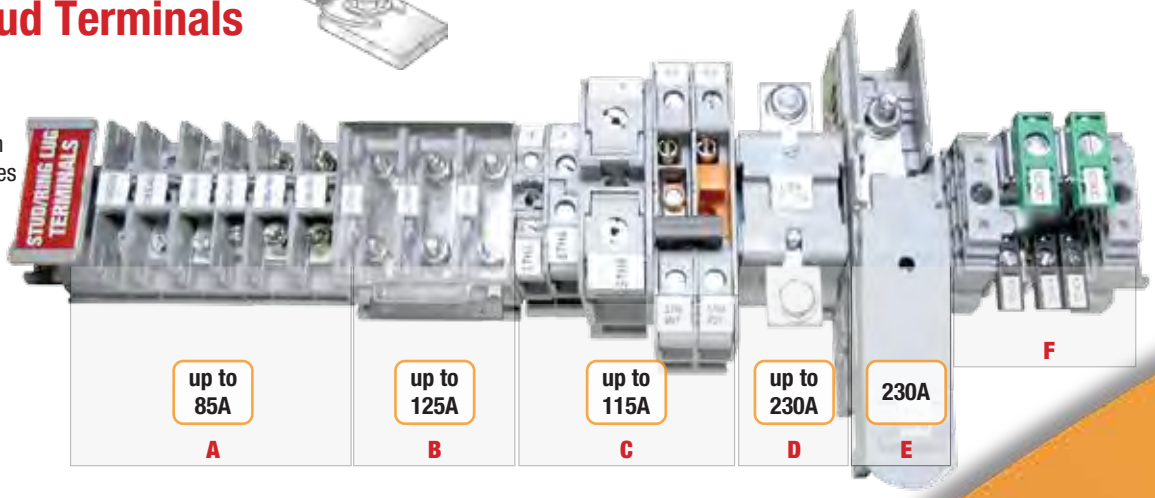


Ring Lug & Stud Terminals



FEATURES

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



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

DIN Rail Terminal Blocks

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





CP8L32

E220514



CP8L32(I.S)



CP8L32(I.S)H

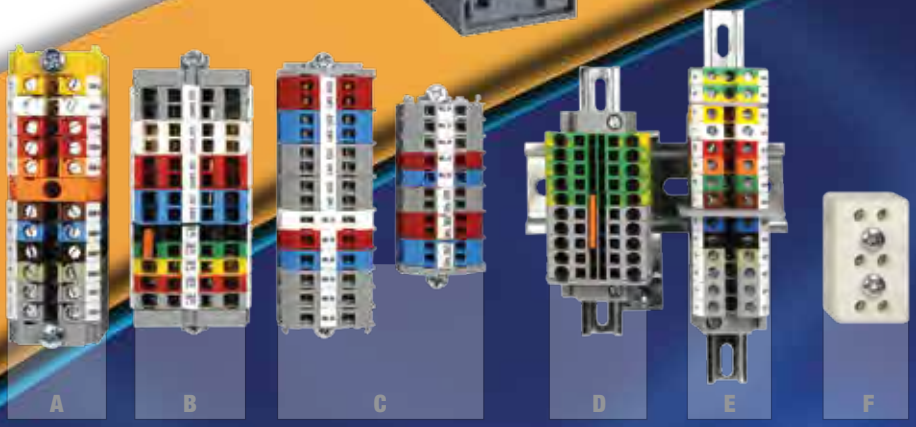
CP8L32	8-Level Marshalling Terminal Block with 8x4 Connections each
CP8L32(I.S)	Potential Distribution Terminal Block with 32 connections
CP8L32(I.S)H	Potential Distribution Terminal Block with 2x16 connections

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







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

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 (CXMG2.5)
- Push-In Jumper System

E 15mm Mini Rail Screw Terminal
- Feed-thru Terminal (CMT4)
- Ground Terminal (CGMT4)

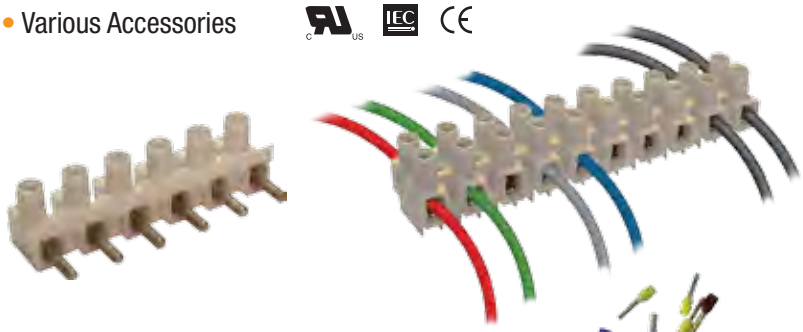
F Ceramic Terminal Block
- Suitable for temperatures up to 600°C
- 3 Sizes
- 1-4 pole configurations
- Free floating or panel mount

Terminal Blocks & Accessories

Terminal Strips
Eurostrip® Style

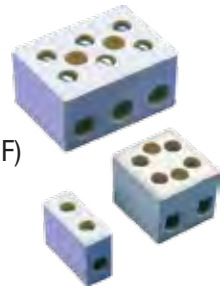


- Up to 63A
- Easy Mounting and Connection
- Reliable Connection Every Time
- Feed-through Flat Base (300V)
- Feed Through Standoff Feet (600V)
- Pluggable Version
- Various Accessories



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

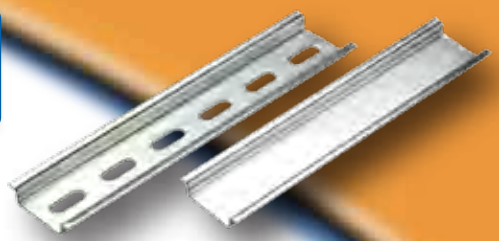


DIN Rail

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



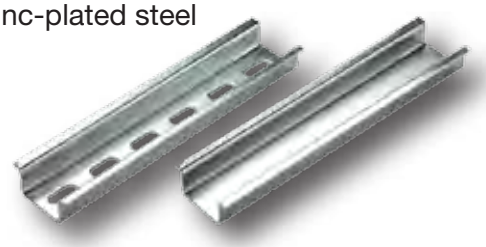


32 x 7.5 mm
Zinc-plated steel, Stainless or Aluminum



Support Brackets

35 x 15 mm
Zinc-plated steel





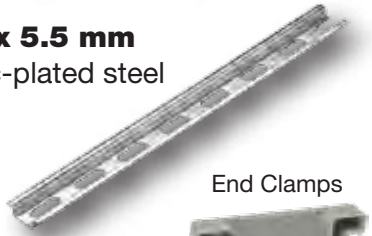
32 x 15 mm
Zinc-plated steel



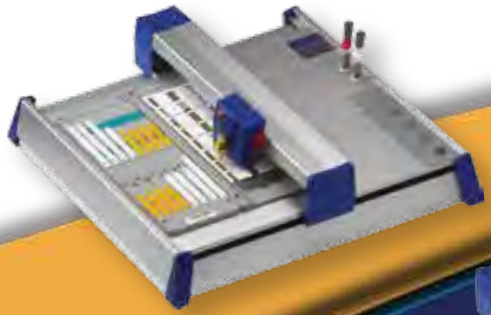


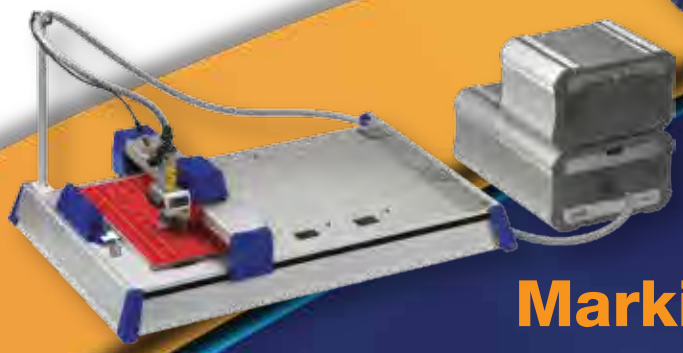
Universal DIN Clips

15 x 5.5 mm
Zinc-plated steel



End Clamps









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 (0.25 and 0.35mm)
- Ink for plastic material and general use
- Pen cleaners, Fixtures, Software
- Service and repair available from Altech

PCB Terminal Blocks

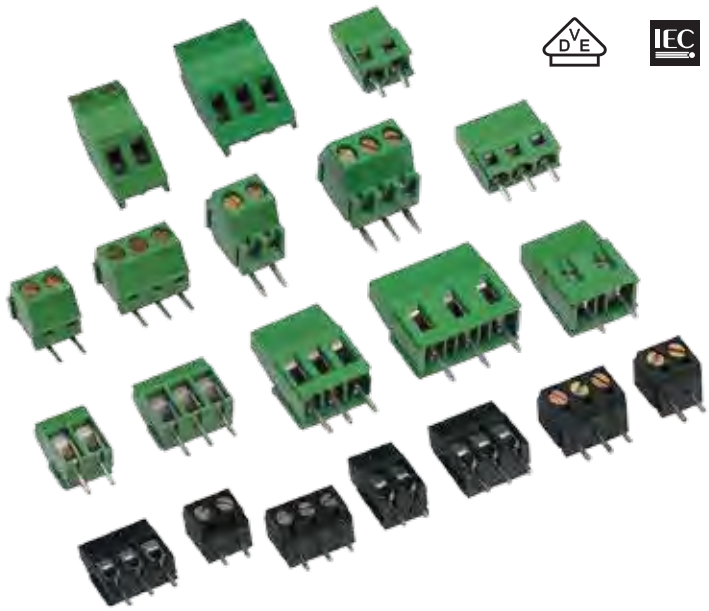
Broad Selection and Styles



Screw Clamp PCB Terminal Blocks

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





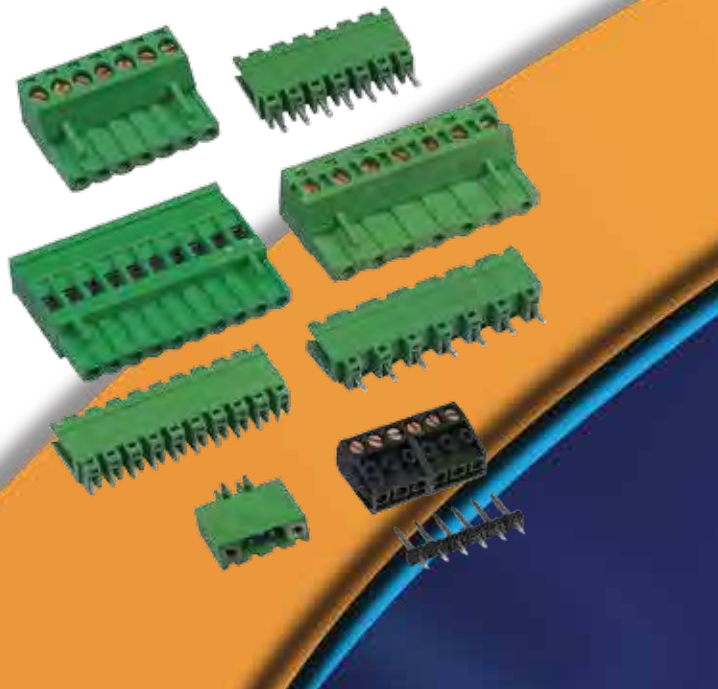


PCB Plugs & Headers

- 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



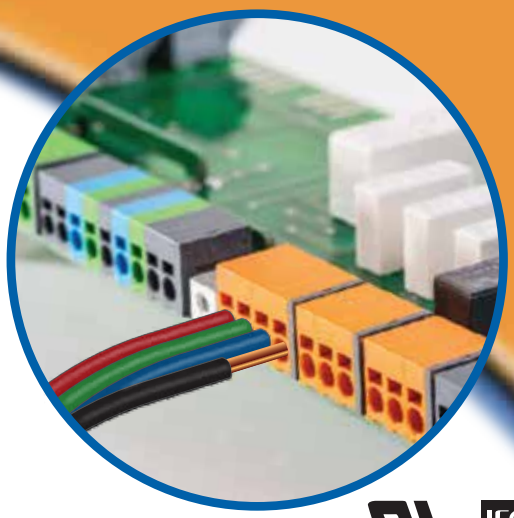






Spring Clamp & Push-In PCB Terminal Blocks





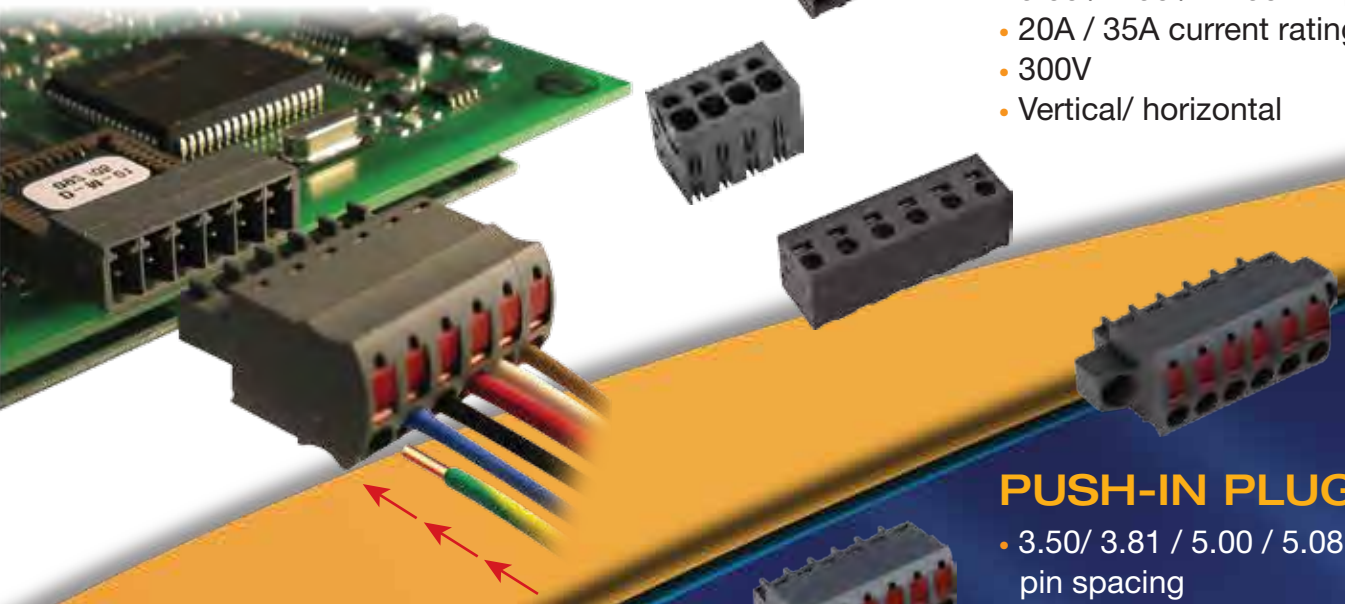
FIXED PUSH-IN PCB TERMINALS

- 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



PCB POWER TERMINALS PUSH-IN

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





PUSH-IN PLUGS

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





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

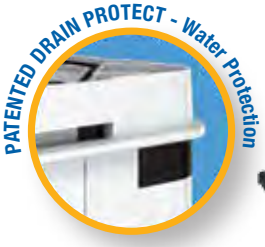


Tough
UV and weather resistant
Corrosion resistant
Temperature resistant -35° to 80°C
High impact resistance - IK 09

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
Insulated protection

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





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



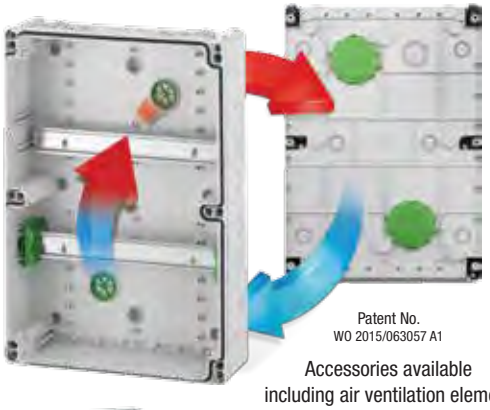
Hinged Door Models
- Can be opened quickly and easily and closed safely
- Good operability of components
- No restrictions for the assembly of internal fittings

AKIII AIR

WINNER iF DESIGN AWARD

The Unique AKIII Enclosure with Patented Air Ventilation System

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



Patent No.
WO 2015/063057 A1

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



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







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

Find your enclosure at
Altech ENCLOSURE FINDER
altechcorp.com/Enclosures

Industrial Enclosures

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



Corrosion & maintenance free



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

Protect Components



EK SERIES

- 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-i SERIES

Ideal for harsh environments

- Direct mount
- Glass reinforced Polycarbonate
- IP65 protection • Integral seal
- High temperature resistance 120°C (248°F)
- Corrosion and maintenance free
- Halogen free • High chemical resistance
- UV fade resistance for optimal outdoor use
- Ideal for installations in high risk fire areas



80 x 80 x 52 to 250 x 250 x 115 mm
3.15 x 3.15 x 2.05 to 9.84 x 9.84 x 4.53 in

Industrial Enclosures



50 x 45 x 30 to 388 x 270 x 117 mm
1.97 x 1.77 x 1.18 to 15.28 x 10.63 x 4.61 in

AL SERIES

- Cast aluminum
- 24 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

ABOX SERIES

- 6 types
- Modern design and shape that allow for optimum use of installation space
- IP65 protection
- 2 to 4 high grade self taping screws secure the lid
- Tongue and groove sealing system with polyurethane gasket
- Made from non-flammable Polystyrene

Metric Knockouts



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



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

Smooth exterior walls

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



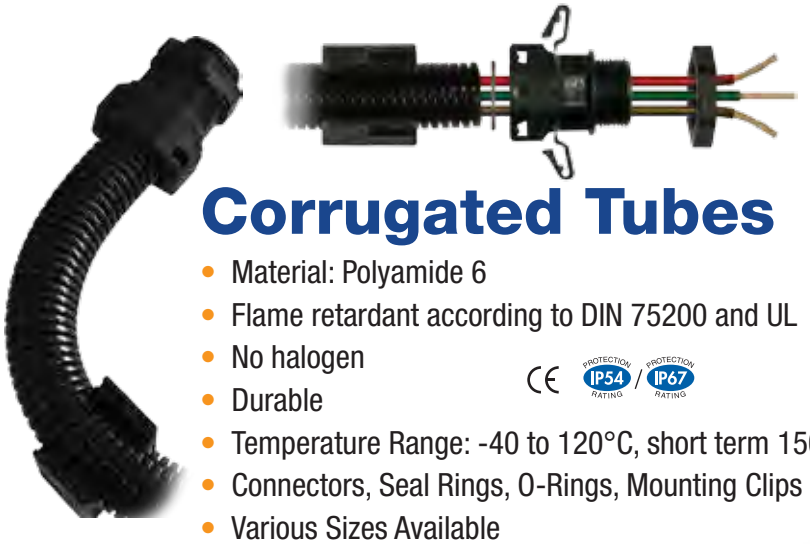
94 x 94 x 81 to 180 x 94 x 81 mm
3.70 x 3.70 x 3.19 to 7.09 x 3.70 x 3.19 in

Cord Grips



- 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



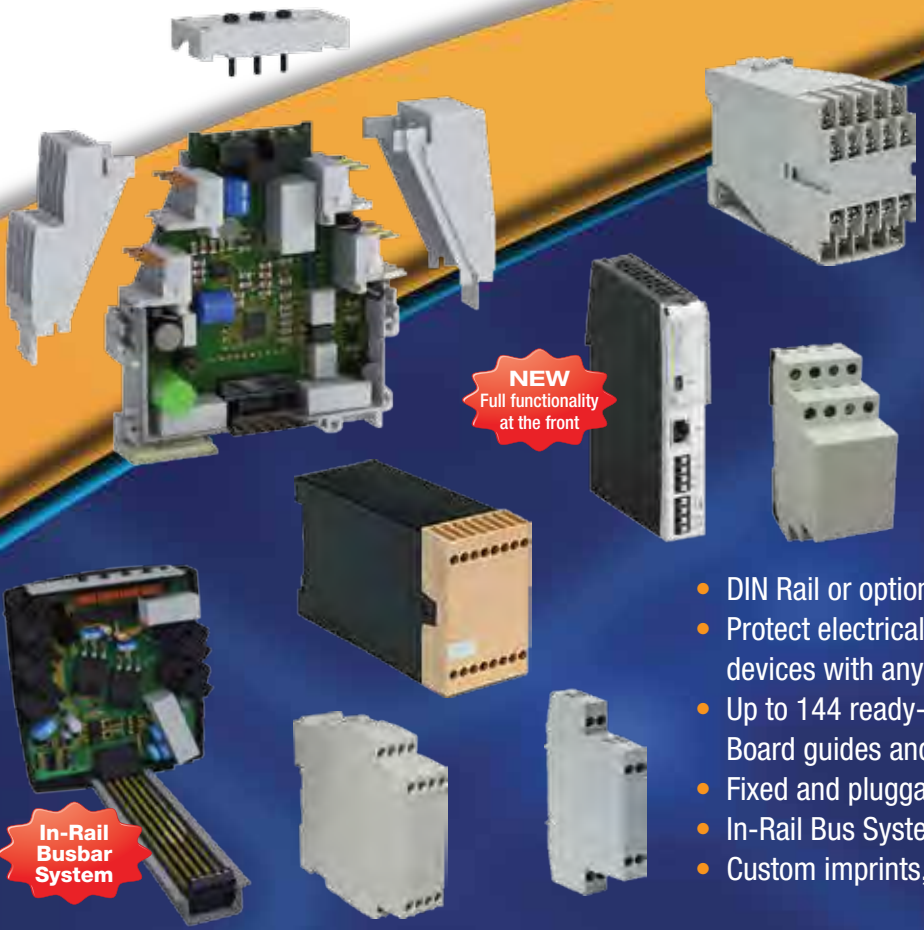


Corrugated Tubes

- 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

ATEX APPROVALS





DIN Rail Mount Electronic Enclosures

NEW Full functionality at the front

In-Rail Busbar System

- 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 cut outs available

Power Distribution Blocks
1 & 3 Phase







- 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
- Housing: Polyamide

IP20 Finger Safe
Quick mounting and wiring

E98082



UL1953 Power Distribution Blocks

- Selectable Phase Identification
- Color Marking Plates
- Simple and Secure DIN Mounting Clip
- Incoming Cable Safety Slide
- Connection Clip for multi-pole applications

Power Distribution Block for Solar Systems



UL Approved 1500V AC/DC

REACh compliant

- A perfect solution for Solar Combiner Box Applications
- PDB400A 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

Compact Hybrid Distribution





Hybrid Terminal Block

Miniature Circuit Breaker Distribution Example

- 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

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

Industrial Fuse Holders

200A SCR Rating

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



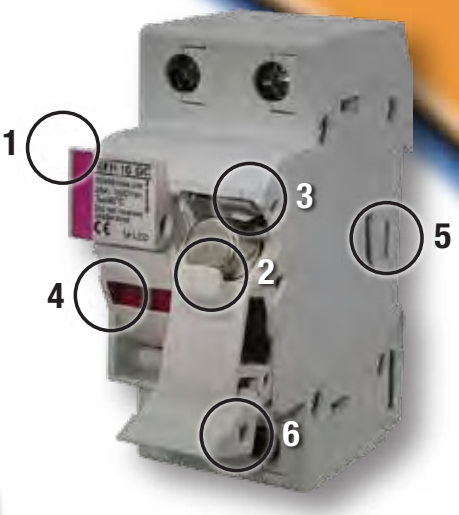
1 - Space for finger to open fuse carrier



2 - Complete protection against touch according to IP20.



3 - All contact surfaces are silver plated



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



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.



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 Fuses & 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

Push Buttons - 22 & 30 mm

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.

c UL us
c UL us
CE NEMA 4X

- 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



Custom Assembly Shown

E-Stops

E-STOPS • LOCKOUTS • STOP SWITCHES



Custom Assemblies Shown

Custom Push Button Assemblies



Solutions for your applications
Safety and Reliability
High Performance
Extensive Range
Save Time

Enclosures

Polycarbonate • Aluminum



Motor Contactors, Overload Relays & Manual Motor Starters





PC Series Contactors

- Minimum size & Maximum performance
- Ambient temperatures – 40°C up to + 90°C
- Designed for the operation under extreme conditions
- Bounce free, self cleaning aux. contacts, suitable for switching electronic circuits => highest contact reliability
- Adjustable Overload Relays from 0.18A to 85A

AC-3 Amperage Rating	10A to 115A
AC-1 Amperage Rating	25A to 200A
Coil Voltage	24VAC, 24VDC, 110-120VAC & 200-240VAC
Horsepower (@3x230VAC)	3 to 40hp







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







Manual Motor Starters





UL508 Type E

- 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

DIN Rail Power Supplies

3-year Warranty

Large Range of Power Supplies

- Large variety
- Wide Power Range (10W-960W)
- Wide Adjustment Range
- Rugged for Industrial Use
- High Efficiency
- Lightweight and compact Design
- Short circuit Protection
- Overvoltage Protection
- Overload Protection
- Over-temperature Protection
- Cooling by free air convection
- UL 508 Listed and/or
- UL 60950-1 recognized
- Worldwide approvals



Low Profile

Available Rated Power:
15, 30, 60, or 100W

Input: 90-240VAC 50/60Hz
Output Voltage: 5V-48V DC

- 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

E521519
UL62368





Ultra-Compact

Available Rated Power:
75, 120, 240, or 480W

Input: 85-264VAC 47/63Hz
Output Voltage: 12, 24 & 48 V DC

- 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

IND. CONT. EQ. UL 508 E205412

UL 60950-1 E521519





NEW Slimline Series

COMING SOON



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

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

DC-UPS Backup

UL Recognized DC-UPS

12 or 24 or 48 V DC

CBI Series



4 *in* 1 SOLUTION

Operates with many batteries

- Lead Acid
- Sealed Lead Acid
- GEL
- AGM
- Li-Ion

- Wide voltage range including a 12V ; 24V and 48V DC options.
- Wide temperature range available from -40C up to +80C and RH up to 90%.
- Input voltage is a truly universal, starting with 96V AC and up to 305V AC.
  (Any product built with using this DC UPS system can operate world wide without any additional settings)
- Unique Power Boost 2x Nominal current for 4 minutes and 3x Nominal Current for 4 sec.
- Complies with all North American and European standards including UL60950.

ONLY 4 in 1: Power Supply / Battery Charger / Battery Care Module / Backup Module

ONLY DIN Rail DC-UPS solution on the market built in one single device

ONLY Wide Selection of 12, 24 and 48V DC-UPS on the market with UL Recognition







Environmentally safe
No toxic chemicals
Virtually maintenance free

Ultra-Capacitor

No Battery Required

C-TEC Series

- 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





AKKUTEC Series

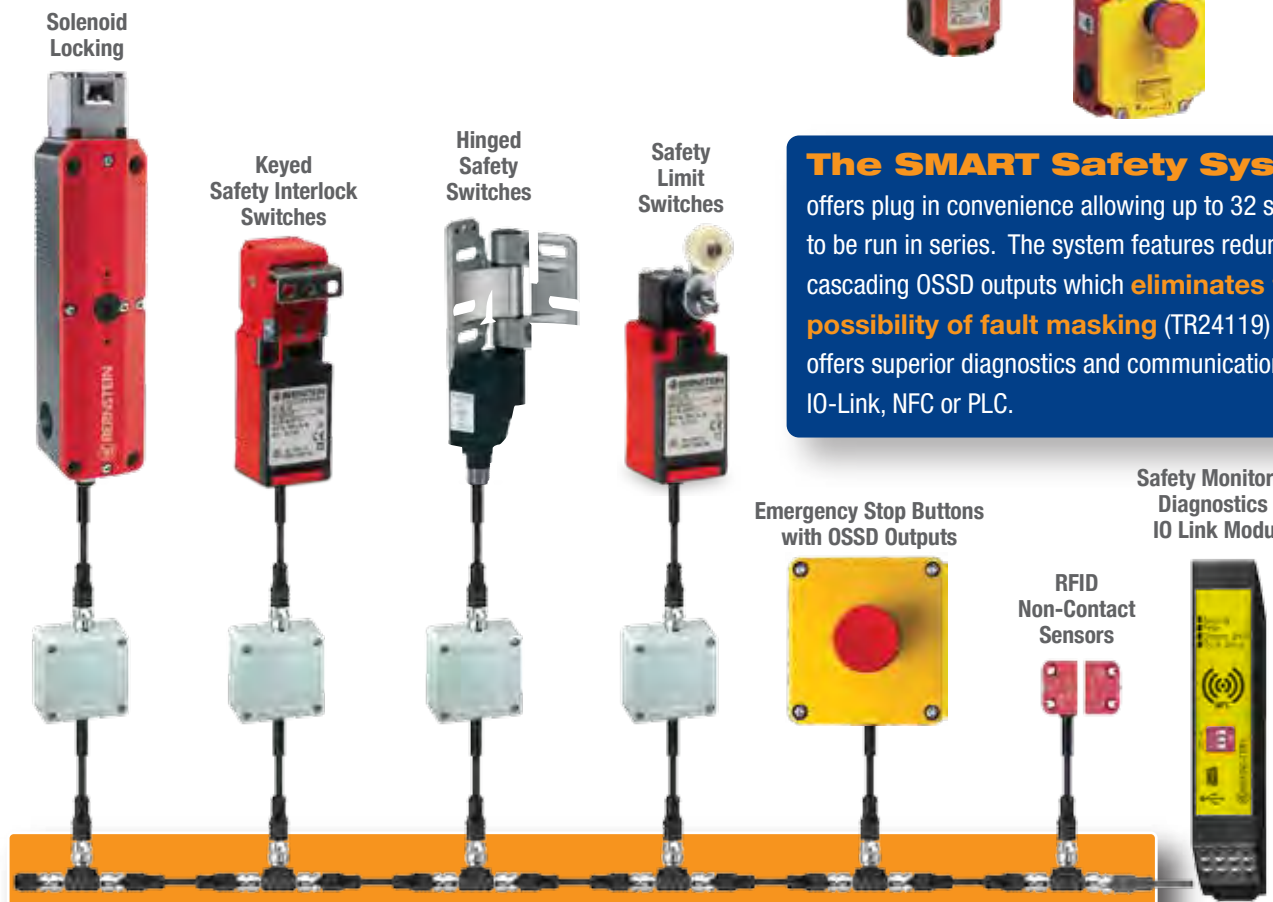


- Battery monitoring and testing
- Works primarily in an online parallel configuration
- Controlled shut down functions
- Micro-controller battery management
- Several operating modes
- Protection against wrong battery polarization
- Deep discharge protection

Safety Switches

- 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.



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

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



M8 & M12
Custom Cable Lengths Available



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

Molded Sensor & Actuator Cable Assemblies



Field-Wired Connectors



Front/ Rear Panel-Mount Connectors



Relays



Safety Relays



NEW Bistable Switching

- 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

Enclosed Relay Modules

NEW



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

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 Relays 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

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



NEW

Shown with RSA-8P adapter





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

Slimline Solid State Relay Modules



- Screw clamp terminals
- Spring clamp terminals
- 5V DC - 240 VAC/DC input circuit
- Multicolor jumpers available
- Slim Socket width is 6.2mm
- LED indication
- Din Rail mounting
- UL recognized

Digital Timers

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

CE c UL us LISTED E351145 RoHS COMPLIANT

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

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

Starter Kits





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



Programming Features

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

CE c UL us LISTED E352868 RoHS Compliant

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







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



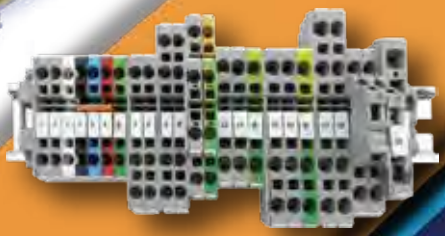


Minimum Quantities

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)



Foot Switches

Industrial







Many models and options are available



ATEX APPROVALS AVAILABLE

- Rugged construction
- Various pedal configurations
- Covers available for certain models
- Internationally approved
- Sturdy design of die cast 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
- Easily cleaned and hygienic
- Ergonomic design with intuitive actuation
- Custom colors and markings are available





Customization is available







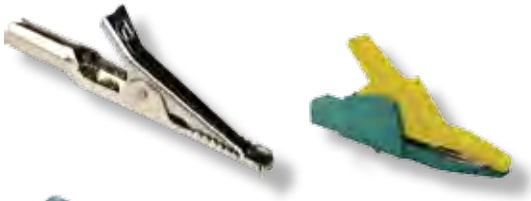




Pin & Sleeve Devices / Receptacles

- 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

Test & Measurement



- **Alligator Clips**
  Large jaws that pack a punch



- **Clamp-Type Test Probes**
  Measuring voltage quickly and easily





- **Oscilloscope Probes**
  High-frequency Measurement



- **Test Probes**
  The right probe pressure for manual fieldwork and in electronics



- **Measuring Leads**
  Robust, flexible, long-lasting







- **Sockets**
  Wherever a safe plug-in connection is required

- **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

Stackable Tower 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

PROTECTION IP65





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

PROTECTION IP65

Indoor / Outdoor

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

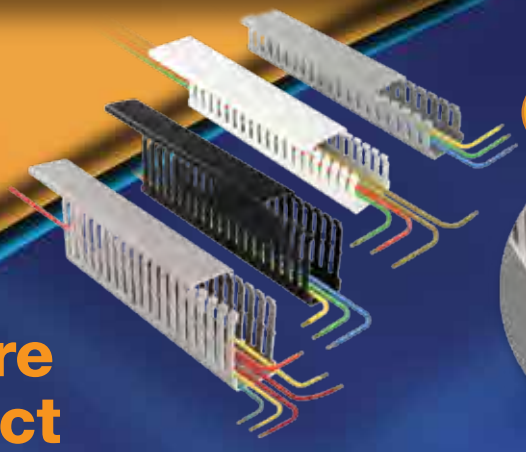
- Fireproof plastic body
- Polycarbonate lens
- Surface mount
- Water resistant
- Dust proof
- UV resistant
- LED design, no mechanical parts
- Long life
- 8 Different signal variations





LED Panel Lights

- Long life
- Energy efficient LED technology
- Magnet of 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



Updated Design



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



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

Altech Corp.® PPLINE01-2022-5K
Printed August 2022