

dedicated suppliers of
quality products and services
at competitive prices



Jainsons

— INTELLIGENT GLOBAL SOLUTIONS —

About us

Jainsons (India) is an authorized distributor of industrial electrical components with high level of quality serving customers.

We are well established with a highly professional sales, marketing, warehousing and distribution operation. Consequently we are able to deal with all the major customers in Wiring Harness Industry, Railways, D.M.R.C., OEMs, etc. We are continuously sourcing products, which we feel have the potential to impact on the Indian market. We have all the necessary experience, knowledge and capital to ensure the success.

Our management has many years experience in the fields of importing and distributing. We have an experienced management team led by, Sh. Shanti Lal Jain, who has over 37 years of experience in the industry and we benefit significantly from his expertise. The basic function of the company is to source, market and distribute them in the domestic market. Jainsons (India) started out as a small family business in 1980 when the core business of the company at that time was supplying domestic electrical goods to small retail outlets.

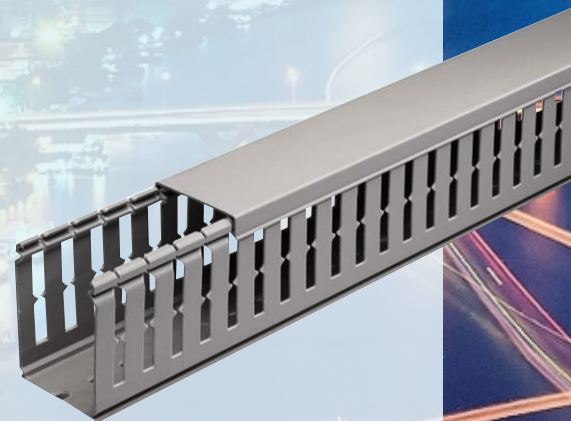
The biggest brands - The widest choice

Associated with few of the leading Indian and international companies of the respective field, Jainsons (India) is honoured to be renowned as a notable distributor and exporter in the marketplace. The companies we deal in are Panduit (USA), Gem Telergon (Spain), Hellermann Tyton (Japan), Klauke (Germany), Phoenix (India/Germany) Allied Connectors (India) Ideal Electrical (USA), Partex (Sweden) Fuji Terminal (Japan) and more... Apart from the ethical business, they also help us serve vast clientele by providing exceptional quality products and solutions as per the specific needs of our reputed patronage.

By our sheer hard work and dedication Jainsons (India) has now become from a trader to a distribution centre & an able solution provider in all the verticals viz. Aerospace, Power & Energy-Solar & other conventional methods, Oil & Gas, Automobile, Railways, Health-Food processing, Defence, Medical, Garment and more.

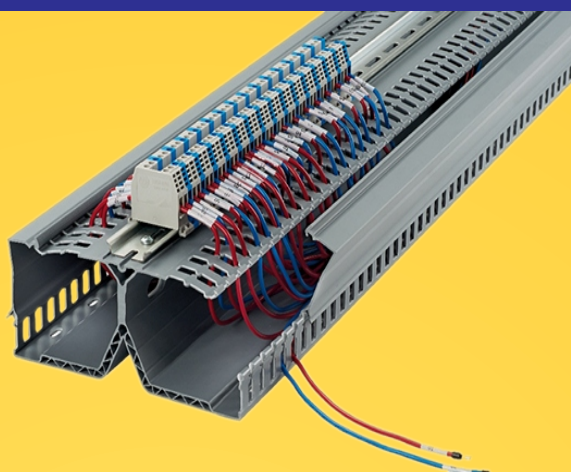
Our range of products covers the following areas:

- Cable & Wiring Accessories
- Cable Glands (PG & Metric Thread) Connectors Controllers
- Flexible Conduit Pipe & Glands
- Grounding Systems
- I/O systems
- Identification Systems/Solutions
- Installation Tools & Mounting Materials
- PCB terminal blocks and PCB connectors
- Power supplies and UPS
- Relay modules
- Sensor/actuator cabling
- Safety, Security, Health & Environment Products
- Surge protection and interference filters
- System cabling for controllers
- Switches (Rotary / Cam Switch / DC Switch / AC Switch/Changeover)
- Test, Measurement, Monitoring and Control Technology
- Wire Nut/Twister
- Wire Routing, Protection, and Insulation
- Wire Termination
- Wiring Harness and Harness Board Accessories





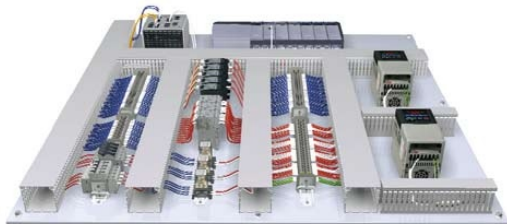
PANALMAX™ Wiring Duct



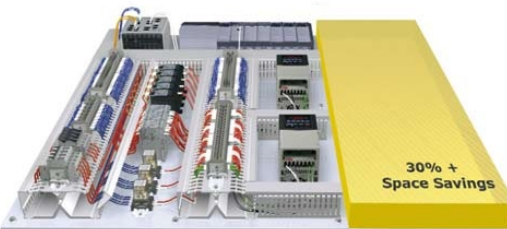
PanelMax™ DIN Rail Wiring Duct is an innovative wire management solution that maximizes space utilization within industrial enclosures for flexibility in panel layout and reduced material and installation costs. The unique design raises components from the panel surface for easier access and faster terminations. DIN rail wiring duct is compatible with common DIN rail and DIN mount components¹ to satisfy a wide range of applications.

The Industrial Automation Solution from Panduit meets the most demanding requirements and applications with a broad range of product systems that aid in reducing design and assembly time, creating valuable panel space savings, providing easier installation and maintenance, and improving reliability.

Layout with Conventional Wiring Duct



Layout with DIN Rail Wiring Duct



Panduit PanelMax DIN Rail Wiring Duct

Panduit PanelMax DIN Rail Wiring Duct positions DIN rail and components off the panel directly above an integrated wire management channel for a 30%+ smaller footprint to the panel layout.



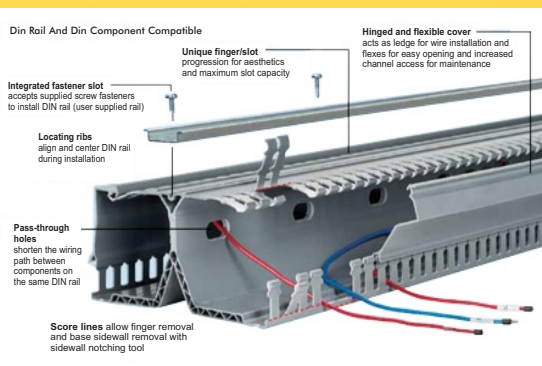
Three DIN rail wiring duct product sizes accommodate user supplied DIN rail and a variety of DIN mount components for application flexibility.



Optional corner strip supports wiring transition from conventional duct.



Optional wire retainer supports wiring with covers removed.



Panduit PanelMax DIN Rail Wiring Duct Key Features

- Space-saving design
- DIN rail and DIN component compatible
- Integrated DIN rail fastening slot
- Hinged and flexible covers
- Slotted platform and sidewalls
- Channel pass-through slots
- Wire retainer accessory
- Lead-free, UL compliant PVC material



PANDUIT Cable Ties

Maximum Design Flexibility

Broadest selection of sizes, styles, and materials for use in indoor/outdoor and harsh environment applications.

Fast and Reliable Installations

Designed to meet or exceed industry standards with superior product features such as low thread force and high tensile strength to provide the highest quality and lowest installed cost.

Improved Productivity

Full line of ergonomic cable tie tools install ties quickly and reliably, providing flush tie cut-off for safe installations.

PANDUIT Cable Accessories

Design Flexibility

An extensive range of mounts, clips, and clamps allow control panel builders to select from adhesive backed, user applied adhesive, screw, rivet or push barb mounting options.

Conserve Space

Low profile mounts, designed to position bundle closer to mounting surface, provide reduced standoff height of cable.

Speed Installation

The comprehensive offering of accessories is engineered to increase productivity and lower installed costs for routing and managing cable.





PANDUIT Labeling Systems

PANDUIT is a global leader in reliable and innovative identification solutions. PANDUIT provides enhanced productivity, reliability and value with leading edge software development, materials and equipment. The comprehensive line includes labeling products, software and printers.

Save Time And Reduce Labeling Errors

Thermal transfer desktop, hand-held and portable printers enable fast, high quality label production for control panel identification. Use PANDUIT labeling software and printers to produce on-demand identification solutions accurately, quickly and economically.

Optimize Design Flexibility

Select from a variety of computer printable label materials, sizes and colors with tools and durable label materials for any control panel application including self-laminating, terminal and heat shrink markers.

Ensure Reliability

World-class quality solutions provide high performance, reliable identification that meets and exceeds the requirements of UL, CSA, ISO, NEC and OSHA.

PANDUIT Featured Products

- **PANTHER™ LS8 Hand-held Thermal Transfer Printer**

This versatile printer, with revolutionary label cut-to-length functionality, eliminates label waste and label trimming labor. Print high quality, industrial labels on a wide variety of materials for wire/cable, component, safety and facility identification. The fast-loading label cassettes contain an integrated memory device for autonomic formatting, recall of last legend used, number of labels remaining in the cassette. USB interface equipped for importing data, system upgrades and printing labels from a wireless laptop or desktop computer.

- **EASY-MARK™ Labeling Software**

Generate labels quickly and easily with EASY-MARK™ labeling software with panel shop application tools that assist in creating optimum wire/cable labels, terminal block labels, heat shrink labels, safety signs and pipe markers. Features such as WYSIWYG user interface, data import, bar coding and pre-loaded label formats make label creation easy and flexible.

- **Self-laminating And Heat Shrink Labels**

Create professional labels with crisp, clear legends and superior legibility. Labels are available in a wide variety of materials and wire/cable sizes.





PANTERM® Terminals, Disconnects, Splices and Ferrules

Improve Productivity And Worker Safety

The full range of PANDUIT controlled cycle installation tools are designed for fast terminations to improve productivity. Ergonomic design reduces handle effort to crimp by 50% when compared to plier-type tools, minimizing repetitive motion injuries and fatigue for improved worker safety.

Provide Consistent, Reliable Terminations

When PANDUIT premium quality terminals and tooling are used in combination, they work together to provide consistent, repeatable and reliable terminations time and time again.

Meet Industry Standards And Specifications

Meets the requirements of independent safety testing organizations. Terminals are UL listed and recognized, CSA certified, ABS (American Bureau of Shipping) approved and meet applicable military specifications.

PAN-LUG™ Power and Grounding Connectors

Save Labor Time And Reduce Injuries

Battery powered hydraulic tools feature fingertip operation, 2-stage rapid advance hydraulic systems, and quick crimp cycle times.

Ensure High Quality Connections At Lowest Installed Cost

Pan-lug compression connectors are UL and CSA approved with both PANDUIT and specified competitor crimping tools and dies to endure safe and reliable terminations.

Save Space And Gain Maximum Design Flexibility

45° and 90° bent tongue lugs and marrow tongue lugs are available as standard parts to maximize the number of connections per linear foot.

Minimize Inventory Requirements To Lower Costs

Flex lugs terminate code conductor class G, H, I, K, M and Locomotive; purchase a single connector to accommodate a wide range of conductors



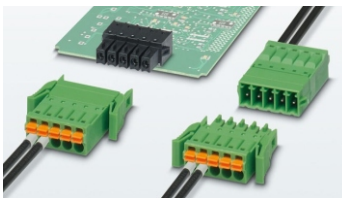
DIRECTLY PCB MOUNDED CONNECTOR



The COMBICON control product range comprises PCB terminal blocks (PCB connection terminal blocks) and connectors for MCR technology.

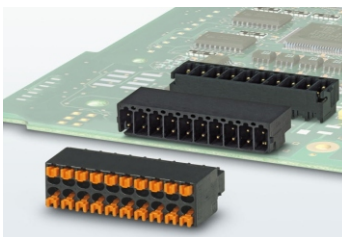
Their versatile design makes them ideal for a wide range of applications in industrial electronics. The product range offers various features and conductor connection options with 2.5/2.54 mm to 7.62 mm pitch.

The PCB terminal blocks are designed for current up to 41 A and voltages up to 630 V. The connectors feature a rated voltage of up to 630 V and a current carrying capacity of up to 12 A.



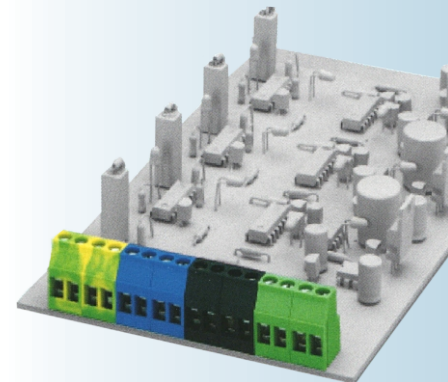
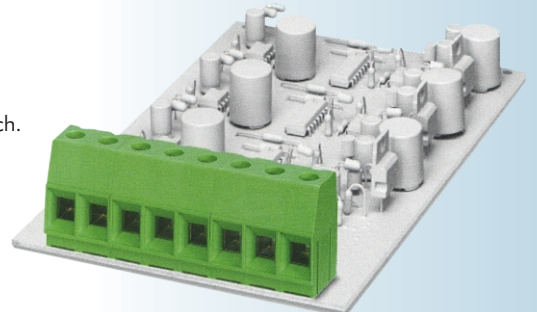
Inverted PCB connector with lateral self-locking flange

Both wire-to-wire and wire-to-board connections can be implemented with the inverted PCB connectors in the IFMC 1,5 series. The lateral self-locking flanges ensure secure latching and prevent unintentional release.

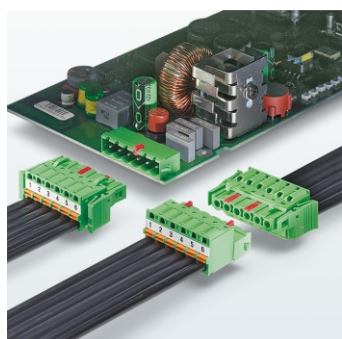


Double-row PCB connector with push-in connection

The flat push-in connector in the DFMC 0,5 series enables the double-level connection of conductors with a design height of just 10.5 mm. The gold-plated contact system offers maximum transmission reliability even for the lowest currents and voltages.



PLUGGABLE CONNECTOR

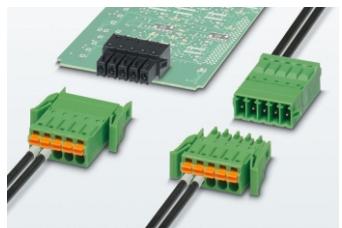


Self-locking flange mechanism

With the self-locking flange mechanism, PCB plug-in connectors are automatically locked onto the header or plug-in connector when inserted. A vibration-resistant connection is thereby established.

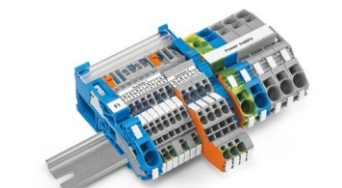
The following product series are available with self-locking flange mechanism:

FMC, 2 to 20-pos., with push-in spring connection
FKC, 2 to 18-pos., with push-in spring connection



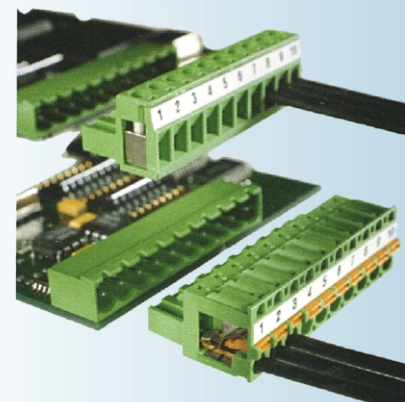
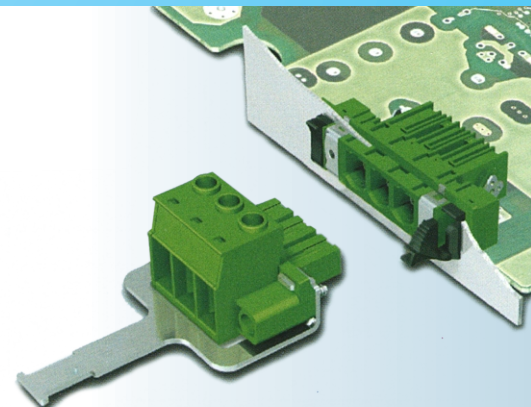
Inverted PCB connector with lateral self-locking flange

Both wire-to-wire and wire-to-board connections can be implemented with the inverted PCB connectors in the IFMC 1,5 series. The lateral self-locking flanges ensure secure latching and prevent unintentional release.



Rail Mounted Terminal Blocks:

Through Terminal Blocks, Double and Triple Deck Terminal Blocks, Ground Terminal, High current terminal Blocks, Diode Terminal Blocks, Fuse Terminal Blocks.





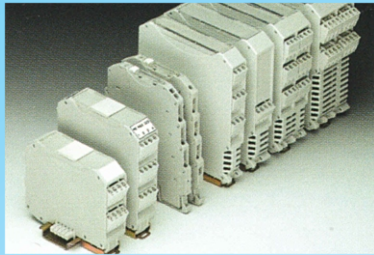
Phoenix Contact Electronic housings

The product range includes:

- **Rail-mountable component housings:**
The electronic is installed so as to be touch and contamination protected.
- **Rail-mountable panel mounting bases:**
The surface of the PCB can remain freely accessible.
- **Rail adapter:**
Different modules and switchgear can be mounted on the DIN rail.
And the appropriate connection system for each housing is of course also available:
- PCB terminal block connection
- Pluggable connection system
Choose between spring-cage or screw versions.

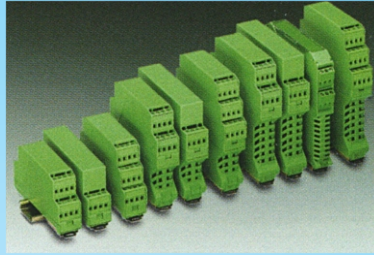
Power For Superior System Availability

Our power supplies, DC/DC converters, redundancy modules, and uninterruptible power supplies are optimally tailored in terms of their functionality and design to the requirements of a range of industries. We also provide power supplies that are individually developed for you, in addition to our standard range.



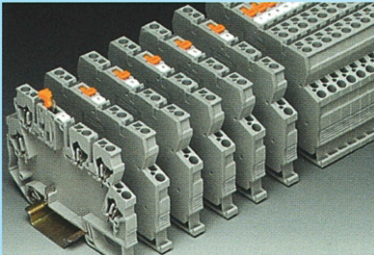
MF - MAX

Modular construction, bus connector optional, fixed or pluggable connection system
For further information, please also make use of the ME / MAX product overview



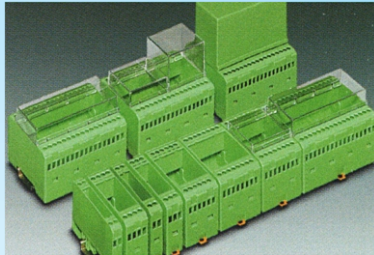
ME / ME-BUS

Modular construction, Variable housing covers for fixed or pluggable connection system, bus connector optional
For further information, please also make use of the ME / MAX product overview



STTCO...

Can be aligned a modular terminal block design, double-level terminal block spring-cage connection, bridgeable



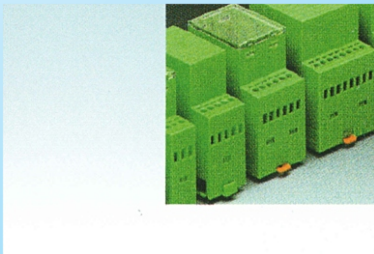
EMG

Printed circuit or pluggable connection possible, housing covers with variable heights



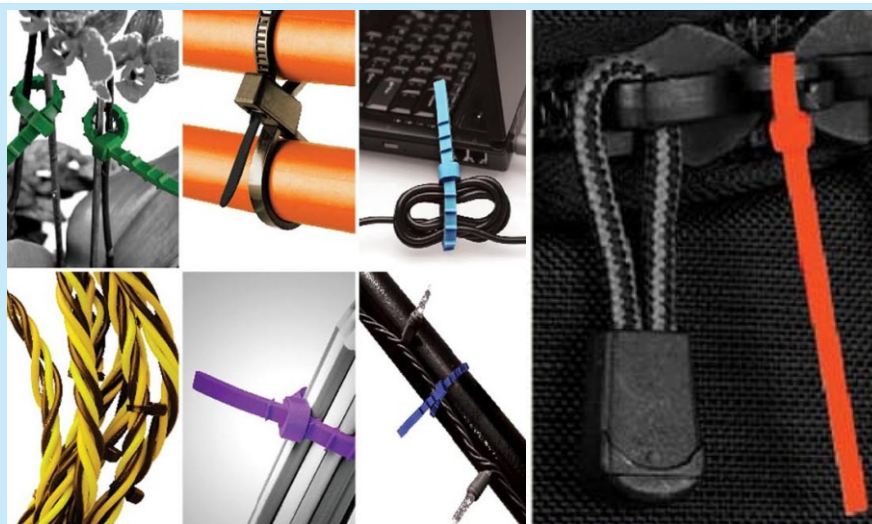
EG

ABS and PC material versions variable housing covers



IEG

In acc. with DIN 43 880 for distributor boards, single or double-level connection systems



INFINITE POSSIBILITIES WITH TYCAB

Wire-Nut® Wire Connectors



Fixed square spring for a secure hold
 Refined range to handle all common applications
 Positive grip shell that is perfect to twist-on with fingers
 Excellent for fine stranded wire applications

CLASSIC
 from the IDEAL family of
 Performance & Reliability

Stripmaster® Wire Strippers

- One-step stripping enhances productivity
- Spring-action motion increases leverage and reduces operator fatigue
- Precision-ground, knife-type blades provide clean, accurate stripping

Description	Cat. No.
Stripmaster® Wire Stripper, 10-22 AWG (Boxed)	45-092
Stripmaster® Wire Stripper, 10-22 AWG (Clamshell)	45-292
Stripmaster® Wire Stripper, Coax RG-6	45-262

See Section C for complete Stripmaster® Wire Stripper line.



Stripmaster® Wire Strippers



45-120

ground, knife-type blades for rate, easy stripping without nicking insulation in wire cutter and looping holes
 enient plier nose for extra gripping strength
 etched wire gauge for easy-to-read visibility
 loaded automatic opening
 resistant, black oxide finish
 steel construction.

Relex™ Super T® - Stripmaster Wire Strippers



- 6/32 and 8/32 self-chasing screw-cutting holes
- Locking pawl for safe storage
- Ergonomic design for maximum comfort
- Curved handles reduce wrist fatigue
- Sleeves extend to stripping head to cushion thumb and fingers
- Textured sleeves with extra cushioning for added comfort.

Cable Ties food industry, detectable

The Metal Content Tie is a cable tie specifically designed for use in the food and pharmaceutical processing industries. A unique manufacturing process, involving the inclusion of a metallic pigment, enables even small 'cut-off' sections of the tie to be detected by standard metal-detecting equipment. Ideally suited for the installation of cabling in and around the manufacturing process.

Features & Benefits

- Total metal dispersion throughout the tie
- Available in a wide range of sizes
- Usable as part of HACCP process*
- Unique blue colour for easy visual detection
- Greatly reduces risk of contamination
- Magnetic and X-Ray detectable



Cable Ties for temperatures up to + 105°C (heat stabilised)

These cable ties are used for routing, bundling and securing of cables, pipes and hoses.

Features & Benefits

- Available in a wide range of materials and sizes
- High tensile strength with very low insertion force
- Only high quality plastic is used meeting recycling targets
- Inside serrated cable ties for a strong hold onto bundles
- Ergonomic bent tail offers quick and simple installation
- Easy application either manually or with an application tool

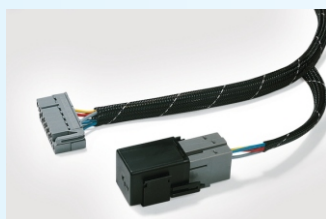


Polyester braided sleeving, UL94V0 classification

HEGPV0 braided sleeveings are used wherever fire protection is important such as control cabinets, robotics and automatic equipment. Also HEGPV0 is suitable for railway vehicle manufacturing as it conforms to the strict requirements of DIN5510-2 and NFF-16 101.

Features & Benefits

- Made of sturdy polyester
- Self-extinguishing according to UL94 V0 for enhanced fire protection
- Highly flexible
- High abrasion resistance
- High surface coverage



Manual Tensioning Tool with Plastic Housing EVO7 up to 4.8mm strap width

Features and Benefits

- Ergonomic, slip-proof handle for a comfortable and secure grip
- Extremely low maintenance
- Fast and precise application with minimum effort (TLC mechanism)
- Convenient and simple tension adjustment
- Extended, slim nose for use in narrow spaces
- Housing made of resilient and lightweight glass fibre-reinforced polyester
- Standard grip span (90 mm) and short grip span (80 mm) available

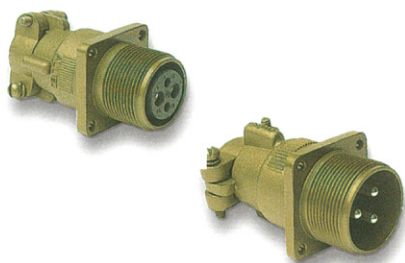




SHELL STYLES



MS 3100E / MS 3100F



WALL MOUNTING RECEPTACLE WITH INTEGRAL CABLE CLAMP

MS 3100E OR MS 3100F wall mounting receptacles are used to carry wires through walls or bulkheads or to provide a means of disconnection at a bulkhead. MS3100E or MS3100F receptacles mate with 3106 and 3108 styles. For new equipment customers should specify MS 3100F.

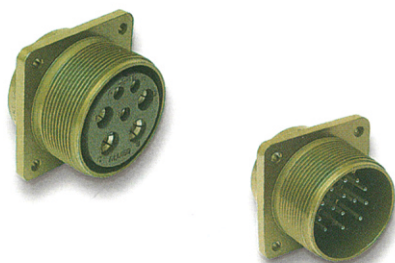
MS 3101E / 3101F



CABLE CONNECTOR WITH INTEGRAL CABLE CLAMP

MS 3101E or MS 3101F cable connectors are used for cable extension requirements, where mounting provisions are unnecessary. MS 3101E or MS 3101F connectors mate with 3106 and 3108 styles. For new equipment customers should specify MS 3101.

MS 3102E / MS 3102R



BOX MOUNTING RECEPTACLE

MS 3102F and MS 3102R box mounting receptacles are used in junction boxes or as an integral part of equipment. These connectors are identical in construction and mate with 3106 and 3108 styles. For new equipment customers should specify MS 3102R.

MS 3106E / MS 3106F



STRAIGHT CABLE CONNECTOR WITH INTEGRAL CABLE CLAMP

MS 3106E and MS 3106F straight cable connectors mate with 3100, 3101 and 3102 styles. MS 3106F is identical to MS 3106E except for 'O' ring under the coupling nut, thus effecting a seal. For new equipment customers should specify MS 3106F.

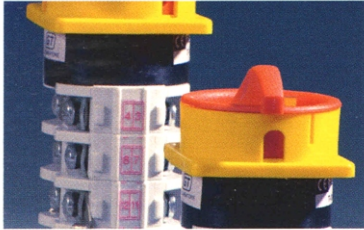
MS 3108E / MS 3108F



90° ANGLE CONNECTOR

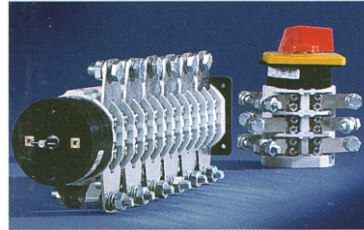
MS 3108E 90° cable connectors (without "O" ring seal with cable clamp) are used where there is limited space and where wires must be brought at abrupt angles. This connector mate with 3100, 3101 and 3102 styles. MS 3108F is identical to MS 3108E except for "O" ring under coupling nut.

Pad Locking Device



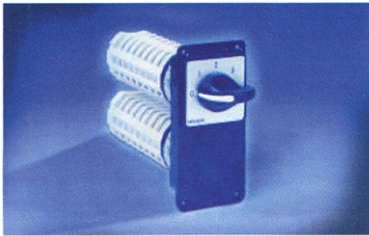
- Front mounting
- Direct padlockable handle

Extended Terminal



- Extended terminals provided in 125A, 150A, 160A and 200A ratings

Tandem Drive



- Simultaneous operation of two or three columns of contacts with only one handle

Front Plate



- Front plate is used with phase selector switch to enhance aesthetics in distribution boards



NYLON-FULLY INSULATED

MALE DISCONNECTS
FUNNEL ENTRY



NYLON-FULLY INSULATED

DOUBLE CRIMP
MALE DISCONNECTS
FUNNEL ENTRY



NYLON-INSULATED

DOUBLE CRIMP
FUNNEL ENTRY



NYLON-INSULATED

BUTT SPLICE
CONNECTORS



NYLON-INSULATED

DOUBLE CRIMP
FEMALE
DISCONNECTS



VINYL-INSULATED

RING TERMINALS
DIN46237



Battery Operated Crimping Tools

Gave Tool – Prensaterminales Electro Hdca. 300/240 mm²

- Suitable for = cable shoes and connector
- Press shape = Universal (change inserts)
- Cross Section = 6.. 300 mm²
- With ratchet to mechanical tools) = No
- Execution/activity = Electric hydraulically



EK 120/42 Battery powered hydraulic crimping tool 16-400 mm²

- C-head with very wide crimping range to 400 mm²
- Up to 60 % less crimping operations due to wide crimping compared with 6 t tools
- Easy handling by optimum weight distribution



EK 50 ML Electromechanical crimping tool 0.14 - 50 mm²

- Simple and safe: One-button operating concept for controlling all tool functions
- Electronic control with locking function monitors full closing of the dies
- Simple and safe: Automatic retraction when operation is complete
- Manual retract as required
- Motor stall protection
- Ergonomic 2C housing in the Klauke "In-line Design"
- Tool fixing point for use with balancer aid or lanyard
- Very low weight and high speed for maximum efficiency
- Powerful drive technology for effortless operations
- Powerful 10.8 V Li-Ion battery with charge status display



Square crimping Very lightweight and ergonomic

- One crimping profile for all cross-sections due to automatic cross-section adjustment
- With ratchet for consistently-controlled crimp results
- Lateral insertion (side crimping)
- Handle with slip guard and inscription panel
- Safety pad in handle for slip-free working



K 48 Crimping tool for cable end-sleeves 0.14 - 2.5 mm²

- One crimp profile per cross-section
- Lateral insertion (side crimping)
- Simple and safe: Exact cross-section assignment thanks to permanent marking on the crimping tool
- Optimum handling due to ergonomically-shaped handle



K 507 Crimping tool with interchangeable dies

- With ratchet for consistently-controlled crimp results
- Adjusting disc to compensate for the natural tool wear



Battery Operated Crimping Tools

Insulated Cable end-Sleeves 0.5-50 mm²

- Colour-coding and tube dimension to DIN 46228, part 4
- Heat resistant to 105° C

Material

- Copper (EN13600)
- Synthetic material: polypropylene

Surface

- Tin-plated to protect against corrosion

Additional information

- * = not standardised
- *** = quantities in one bag



Insulated solderless terminals 0.5-6mm²



PK/POK - COMBINATION CABLE MARKER



PK / POK

- Easy mounted onto PKH/POH carriers to fit any size of cable, tube or pipe.
- Yellow or white with black print as standard.
0-9 in international colour code.
Special colours and prints on request.
- PK is available in Halogen free material (ZEREX).

PKH / POH

- PKH/POH holders for cable markers
- PKH also available in Halogen free material (polyamide 6.6)

PP+/PPA+ PROFILE



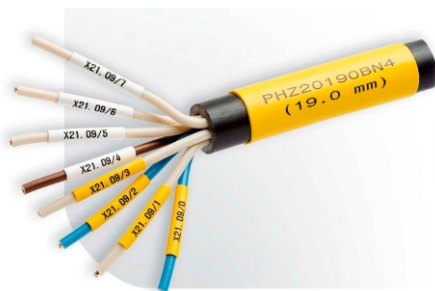
PP+

- Flat hard marker tag profile for PT+, PTC, PTM and PM etc.
- Developed for easy printing on site.

PPA+

- Self-adhesive flat PP-profile for component marking in cabinets etc.

PHZ - HEAT SHRINK TUBING FOR PRINTING



- Flexible halogen free heat shrink tubing for marking on site.
- 2:1 shrink ratio.
- Shrink temperature > 90°C.
- Working temperature - 30°C to +150°C
- Standard colour yellow and white.
- Other colours on request.

PA-CLOSED WIRE MARKERS - CHEVRON CUT



INFORMATION

- Closed permanent grip adjustable marker sleeves.
- For applications including electrical engineering, pneumatics and hydraulics.
- Twist protection for secure combination marketing.
- Excellent legibility.



HF - PRINTABLE HEAT SHRINK SLEEVES (HALOGEN FREE)



INFORMATION

Very Flexible, low smoke, zero halogen and flame retardant heat shrinkable tubing (2.1 shrink ratio Flexible polyolefin sleeves used for wire identification. Others excellent fine safety characteristics combined with minimal smoke emissions.

- Flame Retardant to UL224 VW-1
- Low Smoke
- Zero Halogen
- Easy Pick Application
- Backing card perforated after every sleeve
- Print performance to Military Specifications
- RoHS and REACH Compliant

A Global Leader in Innovative...

Wire & Cable Management • Cable Protection Systems
Power Connection & Control • Safety Technology

Thomas & Betts



Cable Protection Systems

www.tnb.com

Unmatched Quality
& High Performance
LUGs



 **MG ELECTRICA™**

An ISO 9001, 14001, 18001 Certified Company

WE CONNECT ENERGY

www.mgelectrica.com

ELECTRIC COMPONENTS



Cable Glands

Polyamide, Brass- and Stainless steel,
EMC-connections, Ex e, Ex d, Ex to-Cable Glands



Circular Connectors

M 8 to M 40, INOX, TWILOCK, Industrial Ethernet,
Power, Signal, Hybrid-Connector, Moulded Cordsets



Industrial Enclosures

Enclosures made of PC, Polyester, Aluminium and Stainless Steel,
Customized Systems, Enclosure-Configurator



Conduit Systems

Corrugated Conduit Systems, Conduit Cable Glands, Angled Systems,
combined Cable Glands, Accessories



Cable Assembly

Moulded Signal- and Power Circular Connectors,
Servo Cables, Cable Sets

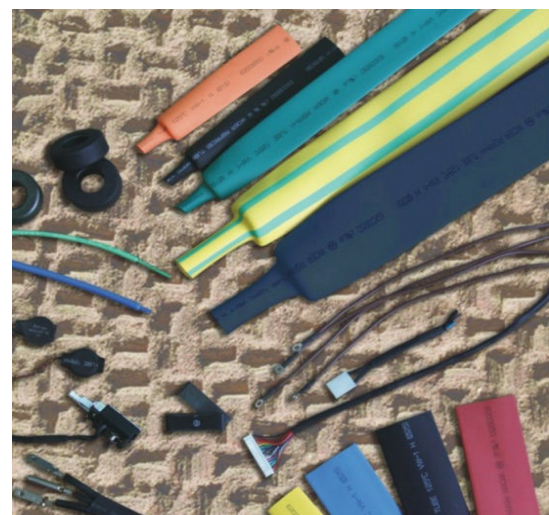


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