

The Anchors

Steadying the Horizon





THE ANCHORS specializes in the supply of control, automation and hazardous area electrical equipment to the:

- Oil & Gas Industry
- Energy Sector
- Mining Industry
- Renewable Industries globally

The key factors in our rapid growth and effectiveness include:


- High quality products and services
- Reliability
- Integrity
- Innovation
- In House Technical Expertise



All of which are achieved through our **people, systems** and **processes**.






With a professional, motivated team that are highly experienced in the field of electrical equipment available to our customers 24/7. Committed to our values and goals of meeting and exceeding your requirements in competitive industries. The ability to provide high quality advice and addressing your challenges in demanding Environments.

Our delivery starts from selecting, procuring, pricing, packing and dispatching on time to clients.

Streamlined processes evolving with the growth of new technologies designed to meet customer requirements with zero defect. What you want, When you want it, Where you want it.

Cable Jointing		Page 6
Electrical Earthing		
Electrical Tapes		
Resins		
Air Circuit Breakers		Pages 7-10
Changeover Switches		
Contactors		
Distribution Boards		
Electronic Products & Relays		
Enclosures		
Form 4 Type Mains Boards		
Manual Motor Starters		
Moulded Case Circuit Breakers		
Miniature Circuit Breakers		
Pilot Devices		
PLC's		
Switch Disconnectors		
Switchfuses		
Slimline Switch Fuses		
Softstarters		
Terminals		
Variable Speed Drives		
Fire Detection		Page 11
Integrated Fire & Gas Detection		
Emergency Lighting		
Fire Suppression		
Sounders & Sirens		Page 12
Combined Sounder / Beacon		
Beacons		
Bells		
Voice Sounders		
Self-Contained Alarms		
EX LED Lights		Pages 13-15
Portable EX Lamps		

EX Floodlights		Pages 13-15
EX Pendant Light Fittings		
EX Searchlights		
EX Fluorescent Lighting		
EX Junction Boxes		
EX Control Units & Control Stations		
EX Safety & Main Current Switches		
EX Escape Sign Light Fittings		
Helideck Lighting		
Navigation Lights		
Heating Technology		
IEC General Purpose Fuses		Page 16
UL-CSA General Purpose Fuses		
Miniature Fuses		
Semiconductor Protection Fuses		
Medium Voltage Fuses		
Mild Steel Enclosures		Page 17
Stainless Steel Enclosures		
GRP Enclosures		
Terminal Boxes		
Clamp Testers		Page 18
Digital Multimeters		
Earth Testers		
Phase Rotation Testers		
Conductors		Page 19
Earthing Materials		
Electronics Systems Protection		Page 20
Insulated Crimps		
Uninsulated Crimps		
Bootlace Ferrules		
Crimp Tools		
Industrial Power Supplies		Page 21
Atex Approved Power Supplies		
Slimline Power Supplies		

Hazardous Area Cable Glands		Page 22
EX Adaptors. Reducers. Stopping Plugs		
Gland Accessories		
Liquid Pour Resin Barrier Cable Gland		
Flexible Conduit		Page 23
Elbow Glands		
EX Adaptors. Reducers. Stopping Plugs		
Cable Tray		
Channel	Page 24	
Cable Trunking		
Accessories		
Slotted Trunking		
Cable Protection Systems		
Cable Ladder		
Cable Ties & Fixings		
Insulation Products		
Identification Systems	Page 25	
Application Tooling, Stainless Steel ID Tapes, Metal Label		
Cable Markers & Accessories		
Marking Tools	Page 26	
Cooling Units		
Air/Water Heat Exchanger		Page 27
Filterfans		
Heaters		
Thermostats		
Loudspeaking Intercom Systems and Audio Power Amplifiers		Page 28
Switchgear		
Sounders		
Industrial Plugs & Sockets		Page 29
Switched Interlocked Sockets		
Combination Units		
Intrinsic Safety & Process I/O		
HART Interfacing		Page 30
Visualization Fieldbus Industrial Ethernet		

Charging & Recovery Equipment

Vacuum Pumps

Manifolds and Hoses, Adapters & Accessories

Test Instruments and Leak Detection

Tube & Hose Forming

Fire Detection and Alarm System

Industrial Fire and Gas Controller

Fire Suppression System

Clean Agent Fire Suppression System

Electrical Cabinet Suppression (ECS) System



Page 31

Honeywell

Page 32

Cable Jointing

3M Cable Joints reduce time, labour and the cost that comes with electrical cable jointing. The extensive range of Low, Medium, High Voltage and Cold Shrink solutions offer reliability +and ease of use when tackling a wide range of installations and voltages.

Electrical Earthing

We offer a range of earthing solutions from shielding and grounding braid to constant force springs and earth bonding kits.

Electrical Tapes

Preferred by professionals, 3M Electrical Tapes and Mastics provide dependable insulation, moisture seals, mechanical protection, and colorcoding identification.

Resins

3M™ Resins provide a reliable, durable moisture barrier in a variety of applications, above ground or below, permanent or re-enterable, wet locations or dry.





Air Circuit Breakers

THE ANCHORS offers the best solution for restoring the service condition rapidly in case of fault, providing at the same time optimum protection of the electrical installation. From the miniature circuit-breakers to the moulded-case and air circuit- breakers of the standard and high-breaking capacity type, with our range of products, every technical problem has been solved. A reliable and advanced reply which, thanks to the interaction of electronics, is also present today in the control and operation stages of electrical installations.



Changeover Switches

The change-over and transfer switches are designed to transfer loads from one power source to another in a wide variety of applications.

The range includes switches from 16 to 2500 Amperes, which can be operated manually, remotely by using a motor or automatically.



Contactors

The range comprises 4 and 5.5 kW mini-contactors, block contactors up to 560 kW (AC3), installation contactors for domestics and industrial use, bar-mounted contactors, thermal and electronics overload relays, and a wide range of add-on accessories ensuring flexibility and adaptability to customer specifications.



Distribution Boards

We offer a wide range of main distribution boards for every application, including modular conceptions, distinguished by multiple combination and customized construction possibilities.

Electronic Products & Relays

We provide low voltage electronic relays (thermistor relays, timer relays, monitoring relays, safety relays, interface relays, solid state relays, etc.) as well as protective relays for generators, transformers and substations.

Enclosures

From single family houses, multiple dwellings, industrial constructions like office and administration buildings, airports to special products, efficient enclosures and cable systems are used wherever power is metered and distributed.

Form 4 Type Mains Boards

Complete factory built assemblies can be specified for individual projects, on which the factory will be pleased to advise.

Manual Motor Starters

Manual Motor Starters (MMS) are protection devices for the main circuit. They combine motor control and protection in a single device.



Moulded Case Circuit Breakers

We offer one of the most comprehensive lines of MCCB's with current ratings from 16A to 3200A and interrupt ratings up to 200kA at 480V. Geared for Industrial, Commercial and OEM applications, when it comes to ready availability, easy installation, and quality, you need a supplier you can trust. The products we supply are engineered to take on the most demanding conditions day after day.

Miniature Circuit Breakers

MCBs are used throughout the world in all types of electrical installations. We can provide MCBs that are recognized by UL and CSA as supplementary circuit protectors in systems rated 240VAC and 480VAC.

MCBs are approved per IEC-898 and VDE 0641, and certified under IEC-947 and VDE 0660 standards for use in systems rated 415VAC. MCBs can be applied to 16 2/3Hz – 400Hz and DC power systems. Continuous current ratings are as low as 0.2 amperes and up to 63 amperes maximum. MCBs are of compact size and can be quickly mounted on standard 35mm DIN rail or can be front mounted by use of a front mounting kit. MCBs include line and load side terminals for conductors from 18 through 4AWG (0.75–25mm²).

Pilot Devices

THE ANCHORS offers several ranges of Pilot Devices. The Modular Range includes operators, holders, contact blocks, lamp blocks and LED blocks that can be combined to get the required function. Snap on feature reduces installation time and spring loaded tabs ensure that actuators and legend plates are in correct position.

PLC's

We can supply choice of PLCs for small equipment control applications to complex systems like web presses and distributed systems.

Switch Disconnectors

The switch-disconnector is largely used as the main switch in low voltage switchgear for distribution of power, starting and stopping motors and isolating loads during maintenance.



Switchfuses

From 16 to 1250 Amp, up to 690V.

The switch fuse is used as the main switch in low voltage switchgears in the industry for distributing power and protecting motors, cables and other devices against short circuits and overloads.

Slimline Switch Fuses

The compact design of SlimLine fuses offer space saving solutions for the end user. This results in a cost effective switchboard system for a number of applications.

Softstarters

Softstarters are compact, multi-functional, easy to install, and easy to program. They are designed to control acceleration and deceleration of three-phase motors, with options available for current ranges from 3.6 amp through 1,810 amp.

Terminals

Improved usage of storage facilities and more efficient dispatching of products give faster turnaround with increased profitability.

Variable Speed Drives

A variable speed drive can reduce energy consumption by as much as 60%.



Fire Detection

THE ANCHORS provide fire detection systems that are developed for worldwide standards and regulations, and conforms with the CEN regulation EN 54 and maritime requirements (SOLAS).

Integrated Fire & Gas Detection

We can provide the world's first interactive-addressable system for integrated fire and gas detection: AutoSafe Integrated Fire and Gas Detection System (IFG), the only integrated fire and gas detection system that is approved according to IEC 61508 Safety Integrity Level 2 (SIL2).

Emergency Lighting

THE ANCHORS can supply an extensive range of emergency light systems and luminaires intended for small and plain systems to large and complex installations. Our entire range includes systems and luminaires for many different applications and locations, including different buildings onshore, maritime and offshore applications, weatherproof and vandal resistant applications and many other applications.

Fire Suppression

We offer various Fire Suppression Systems, including; Water Mist Systems, Gaseous Systems and Foam Systems.



Sounders & Sirens

Wide voltage range and a choice of sound outputs means there is a model to suit almost any type of application, from fire alarms to general signaling.

Combined Sounder / Beacon

Combined sounder-beacons provide an audible and visual alarm at the same point, saving installation and commissioning costs. Models are available for both, commercial and industrial applications.

Beacons

Beacons use either Xenon flash tubes or high efficiency LED's as their light source. In areas with high background noise, visual indicators accompany sounders to ensure that the alarm is recognized. Depending on the colour and flash rate, beacons can provide additional information about the nature of the alarm.

Bells

The fire bell is the oldest form of a signaling device available in the market. Although they are not as flexible as electronic sounders, they produce a distinctive universally recognizable sound.

Voice Sounders

Voice sounders combine normal sounder signals with a clear, synchronized voice message to help reduce confusion and distress during an active alarm. Each individual message is preceded by a dedicated selectable tone and/or flashing beacon for clear and effective warning.

Self-Contained Alarms

Temporary Fire Alarms



Portable EX Lamps

A modern way of illuminating hazardous confined spaces. Our portable Ex lamps have been designed especially for use in industrial environments. They have been certified for Zone 1 or more and are particularly easy to handle and light in weight.

EX Floodlights

Ex floodlight in metal design. Also available as portable version. Easy handling due to low weight

EX Pendant Light Fittings

THE ANCHORS provide Ex-Ceiling, pendant lights and floodlights that are designed for area-illumination at medium/high luminaire installations. Specially used at offshore platforms or within outdoor areas of onshore refineries. Illumination of loading zones as well as harbor areas our floodlights are also the first choice for installation.

EX Searchlights

Powerful and explosion-protected portable searchlight suitable for use in a damp environment.

EX Fluorescent Lighting

We can supply Ex fluorescent light fittings can be used all over the world and are suited for lighting applications in hazardous areas where special requirements apply, e.g. offshore platforms in the North Sea or refineries in the Middle East. The different light fitting families allow their optimum use in various environments.



EX Junction Boxes

Junction boxes are available made of GRP, Die-Cast aluminum, mild steel or stainless steel. The application possibilities with our Ex junction and terminal boxes are extremely flexible. Our technology is user friendly and allows a cost-saving installation. High voltage enclosures are manufactured in 316 grade stainless steel and have an IP rating of IP66 as standard. IP67 versions are also available.



EX Control Units & Control Stations

The Ex control units and control stations are available in enclosures made of thermoplastic, glass fibre reinforced polyester, mild steel or stainless steel. The large variety of enclosure materials is already an indication of the numerous customized configuration possibilities, which are supplemented by a large selection of built-in components.



EX Safety & Main Current Switches

The Ex safety and main current switches are used for the operation of drives, motors and electrical installations in industrial, harsh or hazardous environments.



EX Escape Sign Light Fittings

Our escape sign luminaires can be adapted to suit the requirements of our customers and can be used for central or local emergency lighting systems in hazardous areas. Robust polycarbonate and aluminum enclosures, an energy saving LED technology and a high degree of protections are the special characteristics of these luminaires.



Helideck Lighting

A helideck status-light system should be installed if the condition on the offshore structure may be hazardous for the helicopter or its occupants, for example, gas alarms.

The system should be visible 360° around the offshore structure with a flash rate of 120 flashes per minute. It should also be fully automatic and controlled by means of a control panel in combination with the platform's gas-detection system.



Navigation Lights

Based on more than 30 years' experience in the industry, we are able to offer you a navigational aid system to mark the offshore structure in line with the national, industry and international (IALA) recommendations.



Heating Technology

Industrial Electrical Heating Suitable for Use in Harsh or Hazardous Locations. The different heating systems and technology we offer can be used for all variations of electrical heating applications.



IEC General Purpose Fuses

The better your over-current protection, the easier it is to minimize downtime and repair bills. Amp-Trap 2000® current-limiting fuses are a perfect example — they open in less than one-quarter cycle to provide the Type "2" protection that prevents costly equipment damage.



UL-CSA General Purpose Fuses

Unique dimensions for today's smaller equipment and components. Fast-acting general purpose fuse developed in response to the industry's demand for smaller equipment and components. The only fuse in their size with a full 600 VAC rating for all ampere ratings by UL standard 248-14 and CSA No. 59.2, and are the only fuses of this size with an interrupting rating of 100kA RMS. SBS fuses are 1-3/8" long, smaller by 1/8" than most standard midjet fuses and are available in 22 ampere ratings, from 2/10A to 30A.



Miniature Fuses

For maximum protection in minimum space, look to our expansive line of miniature and glass fuses. It offers a broad scope of solutions for electronic applications, including sub-miniature and automotive fuses.



Semiconductor Protection Fuses

We can provide extensive line of fuses is matched by our selection of fuse blocks and holders. Choose from a wide range of traditional and space-saving fuse blocks, panel-mount and in-line holders, modular semiconductor fuse holders and more.



Medium Voltage Fuses

Most fuses have two elements in parallel, ensuring satisfactory operation at much smaller values of overcurrent than is possible with single element fuse. The elements are wound on a ceramic former, thus ensuring correct spacing of the elements from the body wall and from each other and hence giving assurance of correct operation in service.



Mild Steel Enclosures

We provide the range of mild steel IP 66 wall mounted enclosures that has been designed with the user in mind. Practical, efficient and with a wide range of standard sizes and accessories available from stock, the MultiMount range offers a solution to virtually every application, or can be easily customized to suit specific requirements.



Stainless Steel Enclosures

We provide the range of stainless steel (including grade 316) enclosures designed with cleanliness and ingress protection in mind, as well as high resistance to corrosion which ensures performance of equipment. Intended for harsh environments, the ASR range is the ideal solution for food and chemical industries, pharmaceutical plants, outdoor applications, offshore marine environments.



GRP Enclosures

These enclosures are made of fibre glass reinforced polyester. They are particularly robust, resistant to corrosive chemicals and are unaffected by rust. Because of this, they are strongly recommended for use in corrosive environments (quaysides, chemical industries, dairies, etc.) and applications exposed to the weather elements. Classed as "double insulated", they are especially suited to harsh/ hazardous environments.



Terminal Boxes

Choosing the right terminal box for your application is not a problem, with over 150 standard sizes available in six different types of material, we know we have the perfect box for you! Or if it's not available as standard, we can probably supply it on request. Although a relatively simple box with a screw on lid, we have still made sure our range has all the right approvals.



FLUKE®

Clamp Testers

The extensive range includes models that feature wide opening jaws for safe, fast non-contact current measurement. The ergonomic design of clamp meters are ideal for measuring current in even the most confined of spaces.



Digital Multimeters

Our multimeters are designed to help you do your job faster, more efficiently and with greater accuracy, there is a model for every budget and application. Choose from hand held troubleshooters to ultra-smart multimeters packed with features, including the ability to log and graph data, as well as high-precision bench units in our showcase.



Earth Testers

Our earth ground testers provide quick, accurate impedance measurements through several test methods: 3- and 4-pole Fall-of-Potential testing, selective testing, stakeless testing and 2-pole testing.



Phase Rotation Testers

The product is effective for measuring phase rotation in all areas where three phase supplies are used to feed motors, drives and electrical systems. The Fluke 9040 is a rotary field indicator and can provide clear indication of the 3 phase via an LCD display and the phase rotation direction to determine correct connections. It allows rapid determination of phase sequence and has a voltage (up to 700 V) and frequency range suitable for commercial and industrial applications. The included test probes have a variable clamping range for safe contact, also in industrial sockets.



Conductors

The conductor is the most important component of any earthing or structural lightning protection system. We offer three types of conductor: Flat tape, Solid circular and Stranded cable.

A range of conductor materials are available. Above ground, copper, aluminum and steel may be used. Below ground, copper is the most common choice due to its high resistance to corrosion.

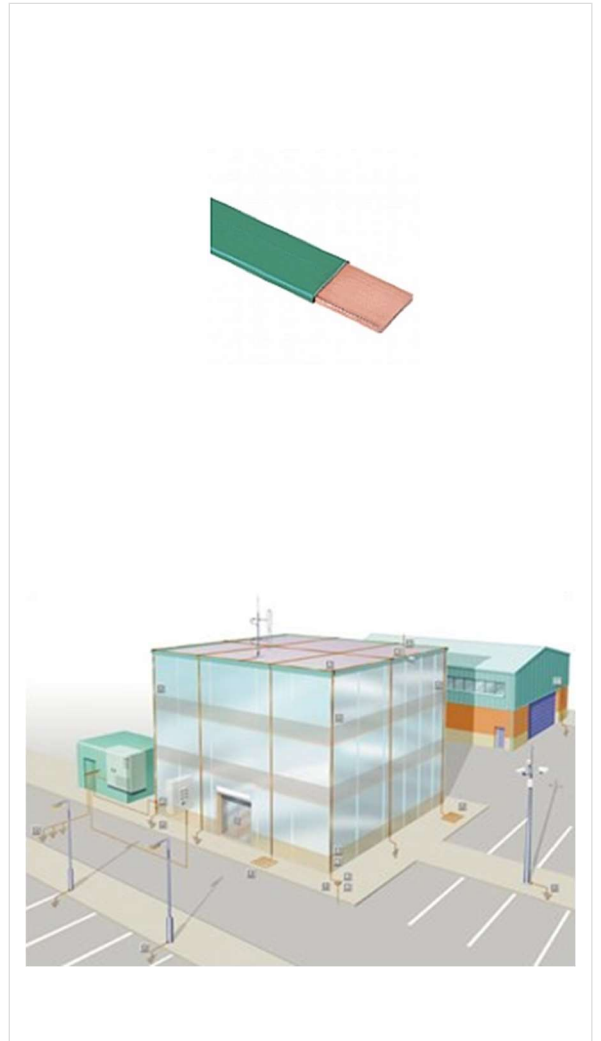
It is important that earthing conductors should be correctly sized for their application, as they may be required to carry a considerable current for several seconds.

Earthing Materials

As with lightning protection, the first choice faced by the designer of an earthing system is the type of conductor to be used. The correct choice of conductor is extremely important, whether it be a simple below ground electrode or a complex computer room signal reference grid.

Electronics Systems Protection

Protection devices meet protection requirements at service entrance and local to equipment (to BS EN 62305) on all incoming / outgoing data & telecoms lines.



Insulated Crimps

Tin-plated copper with vinyl-PVC insulation. The red types are suitable for cable from 0.4 to 1.5mm, the blue 1.1 to 2.6mm and the yellow 2.5 to 6.5mm.

Uninsulated Crimps

Our range contains sizes for cables from 0.5mm² - 240.0mm² and stud sizes from 2.2mm to 10.5mm. They maintain strength during the crimping cycle, and are electro tin plated for maximum corrosion resistance and conductivity.

Bootlace Ferrules

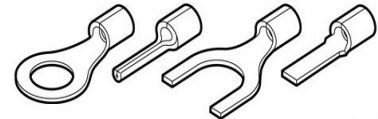
Made of Polypropylene conical cable entry funnel which can also be manufactured from a non-flammable material on request. Heat-resistant up to 105°C. For conductors from 0.5 – 50.0 mm².

Crimp Tools

Our wide product range includes crimping tools for wire end ferrules and many other contacts. After stripping the insulation, a suitable contact or wire end ferrule can be crimped onto the end of the cable.

Crimping forms a secure connection between conductor and contact and has largely replaced soldering. Crimping denotes the creation of a homogeneous, permanent connection between conductor and connecting element.

The connection can be made only with high-quality precision tools. The result is a secure and reliable connection both in mechanical and electrical terms.





Industrial Power Supplies

Our suppliers design and manufacture the DIN rail power supplies for industrial applications and this has allowed them to develop premium pioneering products.

Some of the small sizes, industry leading efficiencies, ease of integration into machines and systems, very comprehensive datasheets, outstanding over-load behavior are just some of the features which make our manufacturers the leaders in technology for DIN rail power supplies.

Slimline Power Supplies

The SDR-75 series (75W) makes the high efficiency slim DIN rail power product line more complete. Now, the diverse wattages of 75W, 120W, 240W, 480W and 960W are available for users' selection. The slim design of 32mm in width helps save the precious space on the rail and also makes it 41% smaller in size compare to its predecessor model DR- 75.

Meanwhile, SDR-75 also possesses 9~12.5% higher efficiency than corresponding models and the working temperature ranging from -30°C~+70°C is superior to the range of -10~+60°C of DR-75, which response to the trend of green power with energy saving concept.

Atex Approved Power Supplies

For use in hazardous locations, the DC/DC converters in the CD5 series have already been successfully approved for ATEX. These units have been tested according to EN 60079-15 and can be used in Zone 2, category 3G hazardous systems.

Due to a number of requests, a selection of power supplies has also been ATEX-approved. Unlike with DC/ DC converters, a separate order number is required for these power supplies since changes in the design had to be conducted.





Hazardous Area Cable Glands

Our cable gland range incorporates innovative features that along with safety, enable faster installation, facilitate inspectability of the cable gland in its operable condition, prevent corrosion of the cable armour/braid and in some cases help to go beyond the requirement of merely having the appropriate certification.

EX Adaptors. Reducers. Stopping Plugs

Our Adaptors, Reducers, and Stopping Plugs are designed to provide flexibility and versatility in the execution of construction works when there is a conflict between the type or size of the cable gland thread and the cable entry hole in the equipment.

Gland Accessories

THE ANCHORS can provide slip on Earth Tags, installed between the cable gland and equipment, provide an earth bond connection as specified in BS6121: Part 5:1993 and also complies with category "B" rating specified in EN 50262:1999.

Available in Stainless Steel as standard "shake-proof" Serrated Washers provided are fitted internally to the equipment and before a locknut act as an anti-vibration device to prevent the cable gland or other cable entry device and locknut arrangement from inadvertently loosening in service.

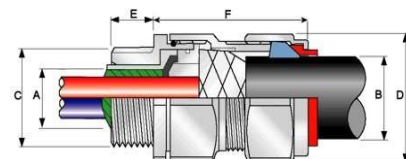
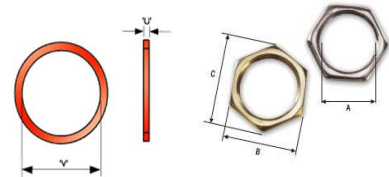
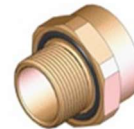
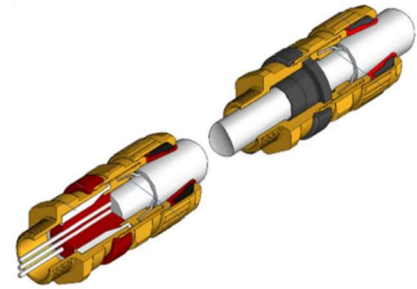
Fibre Sealing Washers are suitable for use on cable gland entry threads, to maintain ingress protection rating at the enclosure.

Nylon Washers are used to maintain ingress protection rating at the enclosure. Retaining 'pips' make nylon washer captive on metric cable gland entry thread.

Brass Locknuts are the recommended items used in securing brass cable glands, unions, adaptors, reducers, and stopper plugs to a gland plate or into equipment.

Liquid Pour Resin Barrier Cable Gland

LPR cable gland is the revolutionary method for installing barrier glands. The LPR cable gland utilizes a liquid pour resin barrier seal that vastly reduces installation time and associated costs. This solution is particularly effective on multicore cables where traditional compound is difficult and time consuming to apply.



Flexible Conduit

With over 26 different metal conduit and 21 different nonmetallic conduit systems to choose from we are sure to have a system to meet your application. Systems are available in a wide variety of sizes, ranging from 10mm up to 106mm, manufactured from a range of materials with or without coverings/ overbraiding so to offer different properties.

Elbow Glands

Constructed from either brass, nickel-plated or stainless steel, with a nylon seal and epoxy resin, the Group I 90 degree flameproof gland is a high quality, high specification product, ideal for Ex I & II 2 GD gas and dust, Exde IIC and Exe II applications.

EX Adaptors. Reducers. Stopping Plugs

Our comprehensive range of Adaptors, Reducers and Stopping Plugs provide a method of matching thread forms on hazardous area approved equipment whilst ensuring the integrity and approval of the installation is maintained.

Enlargers (/E) are used where the thread size of the Female side of the device is larger than the male side. Reducers (/R) are used where the thread size of the female side of device is smaller than the male side.

Thread Converters (/TC) are used where a conversion is required between thread types, e.g Metric to PG.

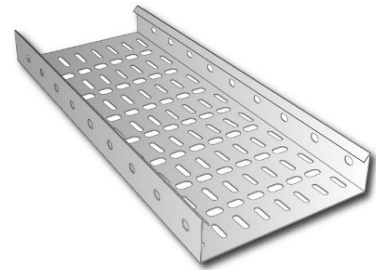
Manufactured in the UK, this new range of converters meets the latest ATEX / IECEx & CSA / UL standards. This means that all the standards are marked on the product around the main body. This allows for them to be seen easily once installed, a key component of the new standard.



Cable Tray

The distinctive slot pattern on cable tray systems provides installers with total flexibility for the positioning of nuts and bolts, cable ties and all ancillary items. Available in variety of types, from light duty through to extra heavy duty, each system is supported by a fully integrated range of time saving fixings and fittings.

Finishes: G (hot dip galvanized), D (deep galvanized), PG (pre-galvanized), S (stainless steel) and E (powder coated).



Channel

The cable channels are suitable for applications where medium duty cable loads are to be supported over short to medium spans.

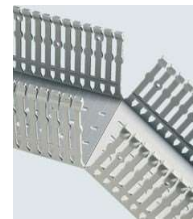
Finishes: G (hot dip galvanized), D (deep galvanized), PG (pre-galvanized), S (stainless steel) and E (powder coated).



Cable Trunking

A complete range of trunking and fittings manufactured to standards as described in BS EN 50085-1:2005 and manufactured throughout in best quality hot dipped galvanized sheet steel to BS EN 10346:2009 giving maximum protection from corrosion.

Slotted Trunking. With innovative snap to length design, THE ANCHORS offers a quick and easy to install open slot panel trunking system that doesn't compromise on quality. With its global standards approvals, slotted trunking system is ideal for almost any industrial application.



Accessories

As a reliable 'single source' supplier of components to meet site requirements, THE ANCHORS carry a vast range of fixings and accessories for complete cable management installations.



Cable Protection Systems

Export and array cables are critical for the safe transfer of the power generated from wind turbines to shore. Our subsea cable protection systems protect the cables against over bending. They also increase the strength and stiffness along the cables.



Cable Ladder

THE ANCHORS provides comprehensive system of slotted rail cable ladder which enables the coupling of lengths and fittings without the need for drilling. With fewer components and a wealth of innovative time saving installation features, our cable ladder remains the market leader.



HellermannTyton

XX PARTEX
MARKING SYSTEMS

Thomas & Betts

Cable Ties & Fixings

High quality, available in stock and a massive range of products. THE ANCHORS's cable ties and fixings are there when you need them and at highly competitive prices. Our ties range from tiny 80mm ties used in the electronics industry right up to our giant 1030mm ties for heavy electrical and engineering uses.



Insulation Products

The toughness and weather ability of the tubing makes it well suited to exposed applications for protection of cable joints. Ideal for application to extremely different diameter cable, connectors or components.



Identification Systems

Other offered products can speed up cable identification with their TIPS thermal transfer printing system that can print onto labels, heat shrink sleeving and their range of TIPTAG markers.



Application Tooling

High quality standards in the production industry are requiring fully automatic, precise bundling. Only the automation of bindings allows efficient manufacturing of high quantities in a consistent workflow.



Stainless Steel ID Tapes, Metal Label

SS ID Tape Rolls/Metal label for M1011 Label Embosser M1011 embosses 12mm non-adhesive stainless steel (SS316 and SS 304) and metal labels that resist corrosion due to extreme weather, temperature, chemical, and UV exposure.



Cable Markers & Accessories

Whatever your cable marking requirements, we can provide you with a suitable product. If you need to identify cables, we are sure that we can help and give you piece of mind that the cable will be clearly marked whenever you want to read it.

Marking Tools

High quality demands are placed on modern cable production. Shorter production cycles require increasingly flexible manufacturing processes. We offer a wide range of easy to network fully automatic crimping machines to meet these requirements.

Hellermann Tyton

Hellermann Tyton is certified according to the Achilles Joint Qualification System, making it the ideal partner for development projects in offshore regions. They develop cable ties, heat shrink tubing and marker systems that fulfil the requirements of DNV type-approval.

Stability under extreme mechanical conditions.

Resistance to corrosion and extreme weather conditions.

Outstanding chemical resistance against hydrochloride acid and halogen salts.



Cooling Units

In addition to quality, function and performance, we have also taken into account the subject of 'service-friendliness' while developing our cooling units. The trouble-free running of your process controller is always at the centre of attention in the realization phase of our products, as well as optimized energy consumption and usage of materials and time.

Air/Water Heat Exchanger

Our products don't require maintenance, have mounting friendly seal, don't need to elaborate reworking of the mounting cut-out, have integrated thermostat and solenoid valve for temperature control and integrated temperature monitoring with alarm contact.

Filterfans

You can save energy, resources and valuable time through the use 4th Generation Filterfans. Over and above that, they provide for more reliability in the production process, because the innovative filterfans and filter mats from the 4th Generation enable an increase in the airflow of over 100% (system of protection IP 55), leading to expanded operating life that is several times longer and thus to longer service intervals.

Heaters

The formation of condensation is one of the biggest dangers for electrical enclosures. As long as they are working under load, the heat dissipation from the components will prevent any condensation from forming within the enclosure. When there is no longer any heat load due to system downtime, there is a potential danger that components within the cabinet will form condensation. This varies based on the dew point. And this is precisely where the function of the control cabinet heaters begins (radiant heaters and fan heaters).

Thermostats

Our available series of twin thermostats integrate independently switchable thermostats. They are available with N.C./N.O., N.C./N.C. and N.O./N.O. contacts with connected devices switched in different temperature ranges.



Loudspeaking Intercom Systems and Audio Power Amplifiers

The battery powered amplifier unit provides voice communications and signaling facilities. An internal Nickel Metal Hydride battery is trickle charged from a central power supply unit via an interconnecting cable.

It comprises a steel enclosure which houses two side facing loudspeakers, and a polycarbonate amplifier unit. The Interior includes a microphone behind a grill on the front and three push buttons. The whole unit is sealed to IP65 to withstand arduous environments.

Cable entries (20mm) are provided at each side of the unit. Internal connections are by plugs and sockets for easy maintenance.

Stand-alone voice communication and signaling can be provided by a PSU and a number of BMAs interconnected by a 3- core cable.



Switchgear

Our switches are used in locations made hazardous due to the presence of flammable gasses or vapors or ignitable dusts, fibers and flyings. As well outdoors or indoors in damp, wet and dirty locations, or in areas where frequent wash-downs, heavy rain or water spray routinely occurs.



Sounders

The sounder products are used as a prestart alarm, emergency signaling where an I.S. audio alarm is required. Low cost, small and compact devices is easy to mount. The products have a low voltage and current 12 volts, with a high output signal.



Industrial Plugs & Sockets

Plugs and sockets with rated voltages above 50V must have an earth contact. To prevent incorrect insertion, a nose on the plug fits into a keyway in the socket, thus ensuring that the earth contact pin or tube is correctly positioned in accordance with the required electrical standard.



Switched Interlocked Sockets

Socket outlet with built in switch-disconnectors 16 – 32A. Enclosure in thermoplastic (PBT). Available as type MVS for IP44. The plug is connected with a vertical movement. (The outlet is in the bottom of the product). 16 – 32A products have two 20mm knock-outs in the top.



Combination Units

Tough and durable units available with Hypra Prisinter or panel mounting sockets.

These units feature a plug-in design that enables the base to be wired independently of the cover, making installation both quicker and easier.



Intrinsic Safety & Process I/O

Our manufacturers are world leaders in products designed for use in hazardous areas where there is a probability of explosive atmospheres. The products range from industry renowned (IS) barriers and isolators through to sophisticated process control products, all designed for the harsh environments often encountered in the process industry.

HART Interfacing

If you have smart field devices installed and you are not making full use of their capabilities, then you need **HART® connection system**. We have solutions that provide the connections between the HART® field instruments, the control systems and the process automation maintenance software. HART® multiplexer system provides online access from a PC to the HART® field devices for monitoring device performance. HART® devices may be selected for regular status monitoring and alerts to be issued if the status changes.

Visualisation

Many industries require their operator terminals and HMI situated on the plant floor. Our instruments range of Visualization products include ruggedized and extended temperature range operator terminals and panel PCs suitable for both hazardous and non-hazardous area mounting.

Fieldbus

Power supply solutions typically support multiple fieldbus segments, and have a direct connection to the host controller via system cables. They provide a range of benefits such as lower engineering costs, faster assembly, cabinet space savings and reduced hardware costs. The fieldbus power supplies and wiring components are tested and approved according to rigorous control system manufacturer programmes, demonstrating compatibility and allowing the user to select system components with confidence.

Industrial Ethernet

THE ANCHORS can supply a full range of "industrial strength" Ethernet products to satisfy the most demanding process applications. Our Ruggedized Ethernet range is designed to operate in the harsh and hazardous process control environment and features multi-port switches, Ethernet-to-Fibre converters and Giga-Bit connectivity. The full range is ATEX certified for Zone 2 and UL approved for Class 1/Div 2 hazardous areas.



Charging & Recovery Equipment

Mastercool's addition to the recovery machine lineup takes the reliability of the 69000 series machines and enhances those features to allow for maximum recovery capacity while at the same time decreasing size and weight. The design of the double piston compressor and cooling by the largest fan and condenser in the market makes the 69300 series the most complete solution to your recovery needs.



Vacuum Pumps

A good quality vacuum pump is an integral tool for complete A/C service. Mastercool vacuum pumps are durable and time tested. They stand up to the most grueling conditions and will provide years of reliable service. Mastercool offers a complete selection of pumps. Regardless of your service requirements, Mastercool has a model for your application.



Manifolds and Hoses, Adapters & Accessories

The leading manufacturer of professional quality A/C manifold gauge sets. Our manifold gauge sets are constructed of the finest materials and machined with precision to the highest quality standards. At Mastercool, every manifold we build is built to last.



Knurled brass nuts make finger tightening easy. Crimped with 8 segment dies for secure fit and maximum durability. Hoses are available in sets and a variety of lengths to meet all EPA, SAE, and UL requirements for containment of refrigerant.

Test Instruments and Leak Detection

A/C system analyzer is an all-in one tool that not only calculates critical information for the air conditioning system but also diagnoses basic system problems. The LCD display leads the technician through basic tests making service quicker and less complicated. The A/C system analyzer is able to calculate: actual superheat, subcool, target superheat, temperature split, dry bulb, wet bulb, relative humidity, dew point, air velocity and air flow volume.



This tin oxide sensor is characterized by high sensitivity and a fast response, upon detecting the presence of extremely small levels of chlorofluorocarbon gases.



Tube & Hose Forming

Mastercool's patented "Hydra - Krimp" makes crimping barbed and beaded fittings as easy as 1 - 2 - 3! The lightweight hand-held hydraulic press is very portable and ideal for shop and field applications.

All metal multi-purpose 180° Tube Bender for 3/16, 1/4, 5/16 and 3/8" O.D. Tubing



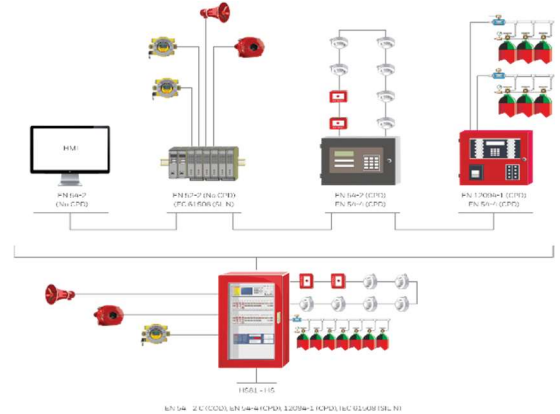
Fire Detection and Alarm System

Forewarned is forearmed, and Honeywell's wide range of Fire Detection and Alarm Systems can help with both. From fire alarm control panels and fire/smoke detectors, to manual call points and more, these systems provide uninterrupted fire protection. Alerts spread faster than fires to enable fast detection and evacuation, every single time.



Industrial Fire and Gas Controller

Honeywell's HS-81 Fire and Gas (F&G) Controller manages detection, notification and extinguishing functions. It can integrate with process safety systems and peripherals through multiple protocols. This all-in-one solution is meant for both process areas and personnel stations. It can perform flame, smoke and gas detection, and manage extinguishing/agent release. This new F&G controller carries essential SIL2 and SIL3 ratings in addition to meeting NFPA-72 and EN-54 requirements. It features a unique 'hot swap' capability for the replacement and auto-configuration of CPUs and power supplies without the need to perform a critical system shutdown.



Fire Suppression System

The causes of fire are many, so it's important to select the right kind of fire suppression system. And Honeywell's range of gas-based Fire Suppression Systems easily fit the bill. These 'clean agent' and cabinet fire suppression systems offer world-class quality, adhere to fire safety Indian classifications, and deliver reliable performance when it matters most.



Clean Agent Fire Suppression System

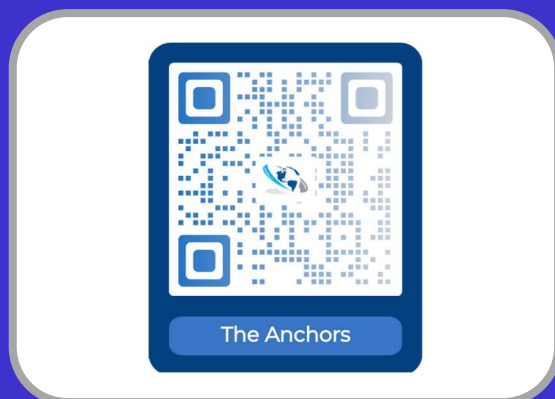
The causes of fire are many and therefore the classification of fires (A/B/C/D/K) is important. That's why fire protection specialists must select the appropriate fire-extinguishing system for suppressing a fire, particularly in complex commercial and institutional setups where the use of water is inappropriate, or even dangerous. Honeywell's latest range of Gas-based Fire Suppression Systems – also known as Clean Agent Fire Suppression Systems – chemical agents to extinguish fires immediately. Each system typically consists of the agent along with agent storage containers, release valves, delivery piping and dispersion nozzles. Backed by Honeywell's legendary reputation in the area of fire safety equipment, these Fire Suppression Systems guarantee top-of-the-line quality and adherence to Indian fire safety regulations when it matters most.



Making electrical panels and cabinets fire-safe

Designed to protect electrical enclosures/circuitry, Honeywell's comprehensive, pre-engineered ECS system reduces the risk of electrical fires, and prevents potential devastation to business and property. Not only does it protect business assets, it also prevents downtime and ensures business continuity. Perfect for 'microenvironments' where fire hazards are likely to be in the enclosed space, it leaves out no residue behind which eliminates the need for an extensive area clean up.





Steadying the Horizon | www.theanchors.net |

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