

# LV MV HV SPECIALISTS



Cable Installation, Jointing,  
Substation & Electrical Equipment



**TOTAL SUPPLY** • ELECTRICAL • POWER • PRODUCTS



THORNE &  
DERRICK  
INTERNATIONAL



## 100,000+ PRODUCTS 100+ BRANDS

Thorne & Derrick International were established in 1985 and are now one of the largest specialist distributors of LV, MV & HV Cable Installation, Jointing, Substation & Electrical Equipment – we have a solid reputation for knowledge, service and integrity.



SOLAR



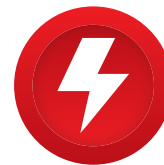
WIND



OIL & GAS



WATER



POWER



PETROCHEMICAL



RAIL



PHARMACEUTICALS



MINING &  
QUARRYING



FOOD &  
BEVERAGE



CONSTRUCTION



MANUFACTURING



### 30 YEARS OF SERVICE



INTEGRITY



KNOWLEDGE



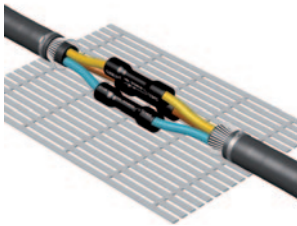
RELIABILITY



## LV CABLE JOINTS

Heat shrink, cold shrink and resin cable joints to suit XLPE, EPR, PVC and PILC cables up to 3.3kV - straight, branch, multi-service and pot-end cable joints.

- Zero Halogen / Fire Resistant
- Airfield Lighting / Traffic Control
- Street Lighting
- Rail Cable Joints
- Hydrocarbon Resistant / Hazardous Area
- Marine, Offshore & Shipwiring
- Cathodic Protection
- Lloyds Register & DNV GL Approved



## MV HV CABLE JOINTS

Heat shrink, cold shrink and push-on cable joints suitable for single and 3 core cables with XLPE, PILC, EPR insulation including 6.6kV, 11kV, 33kV and 66kV.



## MV HV CABLE TERMINATIONS

Heat shrink, cold shrink, push-on and plug-in type cable terminations and separable connectors suitable for MV-HV cable connections to air and gas insulated switchgear, transformers, motors and overhead lines. Inner and outer cone cable connectors and bushings to suit all interfaces.

- Surge Arresters
- Bushings
- Connectors - Dead Break / Load Break

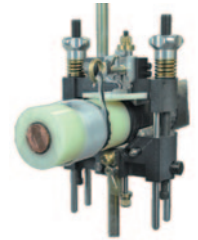




## CABLE JOINTING TOOLS

Complete range of cable preparation and jointing tools for LV-EHV underground power cables, fibre optic and overhead lines, this includes multi-function and jointer tools kits. Cable preparation tools for 11-33kV MV power and transmission/distribution cables up to 400kV.

- Cable Sheath/Jacket Stripping
- Cable insulation Stripping
- Bonded Screen Removal Tools
- Semicon Screen Removal, Scoring & Shaving
- Pencilling & Chamfering Cable Insulation
- 11kV-33kV Jointers Tools



## CABLE CUTTING & CRIMPING TOOLS

Battery, hydraulic and ratchet type cutting (up to 270mm) and crimping tools (up to 1000sqmm) to suit all types of LV-HV cables, overhead line conductors, wire rope, flexible risers and subsea umbilicals.



## INSULATED TOOLS

Full range of tool kits including screwdrivers, pliers, spanners, sockets, saws, knives, torque wrenches and cutting tools for live line working and cable jointing - tested to IEC 60900.

- Category C Live Line Working Tools



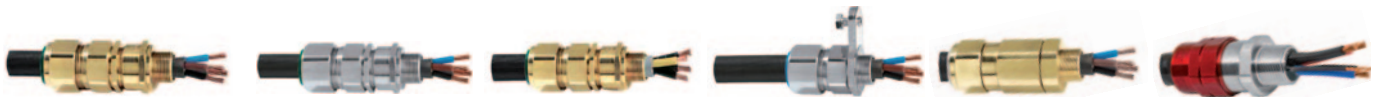
## CABLE CRIMPS, LUGS & CONNECTORS

Compression and mechanical shear bolt type cable lugs and connectors for all cable conductors and voltages including 11kV, 33kV up to 66kV.



## CABLE GLANDS

Brass, aluminium and nylon cable glands to terminate all types of armoured, braided, lead sheathed and unarmoured cable in industrial, hazardous area and high voltage installations. Flameproof, submersible, barrier, low smoke zero halogen and high fault current rated cable glands.



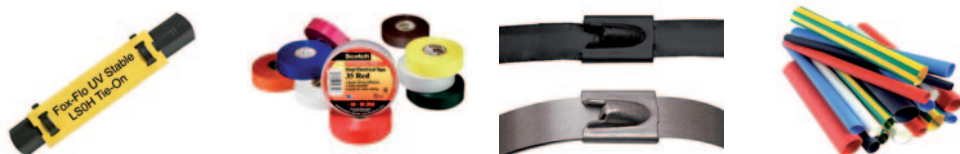
## CABLE CLEATS & HANGERS

Nylon, aluminium and stainless steel cable cleats to retain LV-HV cables in single, trefoil, quad and bundled arrangement with moderate and high levels of fault current ratings. GRP and galvanised steel J type cable support hangers.



## CABLE ACCESSORIES

Full range of cable labelling, bundling, management, insulation (heat shrink), identification, crimping and connection products.



## CABLE PULLING & LAYING

Cable pulling equipment for both trench and duct including cable rollers, cable socks, cable drum jacks, winches, trailers and conduit rods. Cable lubricants for power, telecom and fibre cable pulls.

**socomore**



## CABLE DUCT SEALS & TRANSITS

Sealing cable ducts and building penetrations against smoke, gas, water ingress, humidity and dust while assuring protection from rodents, vibration, cable pull and also current surge and electromagnetic pulse/interference - WIMES, ATEX and DSEAR compliant.

**FILO form**  
connect ▶ seal ▶ protect ▶

**CSJ**  
SEALING SYSTEMS

**Roxtec**



## CABLE PROTECTION, DUCT & MARKERS

Cable protection Tapetile covers and Stokbords for LV, 11kV, 33kV and EHV applications – heavy duty plastic and concrete cable protection. ENATS 12-24 (Class 1,2 & 3) underground cable duct for LV-HV power, blown fibre and telecoms.

**Centriforce**  
Innovative products from recycled plastic

**Anderton**

**Polypipe**

**EMTELLE**



## CABLE TROUGH

Trackside and elevated cable trough to protect power, signal and telecoms cables – complete range of sizes and dimensions to accommodate all cable routes.

**BCM**  
GRC Limited

**Anderton**

**Schneider Electric**

- Concrete
- GRP
- GRC



## ELECTRICAL SAFETY

### Underground Cables & Overhead Lines



T&D are stockists and distributors for the CATU Electrical Safety Equipment range of products to protect workers on underground cables, overhead power lines, switchgear and substations at LV, MV, HV and EHV.

- Voltage Detectors
- Substation Safety & Intervention
- Insulating Gloves
- Portable Earthing & Short Circuit Systems
- Rescue Hooks
- Phase Comparators
- Switchgear Matting
- Earthing Clamps



## ARC FLASH PROTECTION & CLOTHING

Arc Flash protective clothing including suits, coveralls, jackets, trousers, shirts, polo shirts and helmets.

Arc flash kits supplied in kit format for protection up to 100 Cal:

- Carrying Bag
- Jacket & Dungarees
- Protective Hood With Face Shield
- Helmet
- Safety Glasses



CATU kits protect against arc flash that can occur during reclosing of electrical switchgear onto a fault, switchgear failure, circuit breaker racking, excavating near live cables or accidental contact with live conductors during maintenance or cable jointing.



## FEEDER PILLARS

Cast iron, GRP, galvanised and stainless steel feeder pillars – above ground and retractable pillars can be customised and equipped with electrical equipment to suit project requirements.



## DISTRIBUTION BOARDS & SERVICE PILLARS

Single and 3 phase distribution boards and pre-wired feeder pillars switched and insulated for low voltage power distribution up to 3200amps. Single and 3 phase distribution boards and pre-wired feeder pillars switched and insulated for low voltage power distribution up to 3200amps. Service pillars for LV distribution networks providing fused connections where isolation of the power supply can be controlled remotely from the user.



## CUTOUTS

Complete range of house service, street lighting, heavy duty and overhead service cut outs.



- Street Lighting Cut Outs (Primary & Secondary – Single/Double Pole Isolation)
- Pole Mounted CNE & SNE Cut Outs
- Overhead Pole Mounted Cut Outs 400A
- House Service Cut Outs – 3 Phase SNE & CNE 60/80A or 100A
- Heavy Duty Cut Outs 200A, 400A, 600A





T&D distribute ABB MV Power Products - this includes indoor and outdoor primary and secondary distribution equipment for substation repair, retrofit and upgrade projects.



## FUSES & CUT OUTS

Current limiting and expulsion (non-current limiting) fuses provide main or back-up protection against overloads and overcurrents. Suitable for the protection of distribution transformers, voltage transformers, capacitor banks, motor circuits and cut outs.



## VACUUM CONTACTORS

Suitable for the control and protection of medium voltage motors, transformers, power factor correction banks and switching systems. Fitted with suitable fuses suitable for MV circuits with fault levels up to 1000 MVA.



## CIRCUIT BREAKERS

MV vacuum and SF6 gas circuit breakers for indoor and outdoor applications. IEC/ANSI certified for primary distribution, 11kV-33kV. Circuit breakers are used in electrical distribution for control and protection of cables, overhead lines, transformer and distribution substations, motors, transformers, generators and capacitor banks.



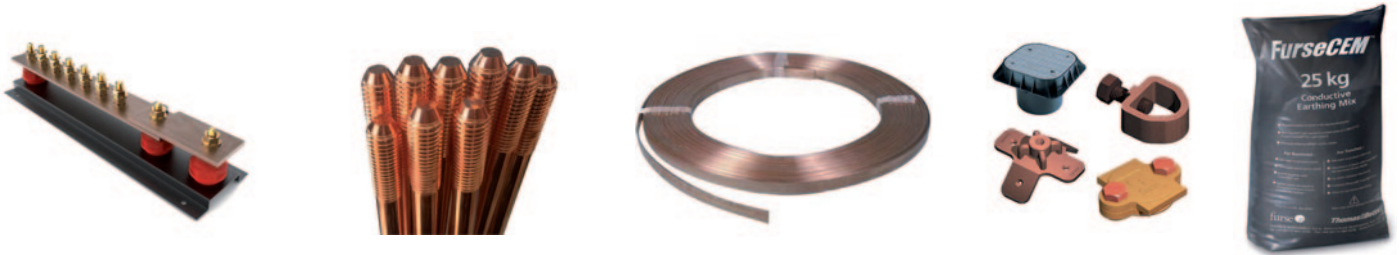
## SURGE ARRESTERS

Surge arresters used for protection of MV electrical equipment from over-voltages caused by lightning or switching operations - made of metal oxide (MO) resistors without spark gaps designed and tested according to IEC 60099-4. Suitable for MV, AC and DC traction systems.



# EARTHING & LIGHTNING PROTECTION

Earthing, grounding, lightning protection and surge protection equipment for electrical infrastructure, buildings and substations: copper tape, earth bars, earth rods, Marconite, Bentonite and full range of copper earthing accessories.



## CABLES

Complete range of specialist and medium/high voltage cables for 11kV, 22kV and 33kV networks – specialist cables including Panzerflex and Protolon.



- MV HV - BS6622 BS7835 BS7870
- Fire Resistant
- Offshore & Marine - NEK 606 BFOU RFOU

- Flexible Rubber Reeling Cables
- Low Smoke Zero Halogen
- Airfield Ground Lighting



## HAZARDOUS AREAS

Experts In Equipment For Explosive Atmospheres

- Cable Accessories – Joints, Terminations, Glands & Cleats
- Flow, Temperature, Pressure & Level Measurement
- Heat, Flame & Fire Detection
- Heat Tracing Cables & Systems
- Plugs & Sockets

- Electrical Heating
- Control Stations & Pushbuttons
- Gas Detection
- Junction Boxes & Enclosures
- Signalling – Sounders & Beacons

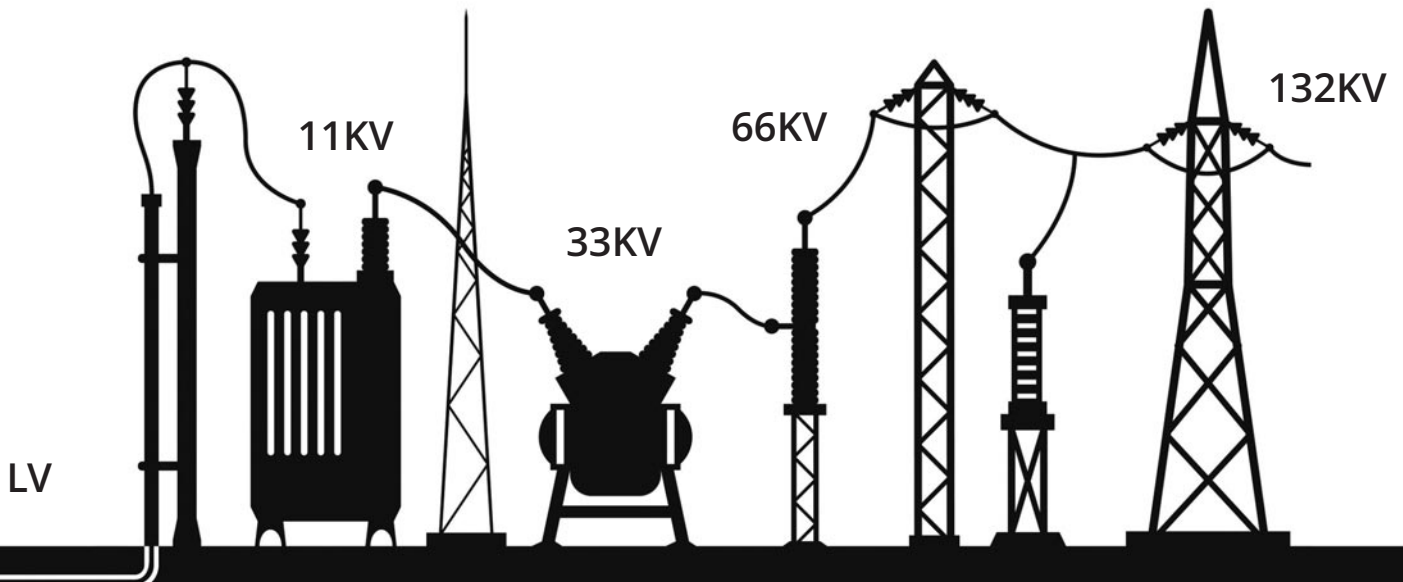


# Cable Installation, Jointing, Substation & Electrical Equipment

T&D are specialist distributors to Distribution Network Operators, NERS Registered Service Providers, ICP's and HV Contractors of an extensive range of Cable Jointing, Substation, Tooling & Installation Equipment approved by utilities.



- Underground Cables
- LV Joints – Mains Straight, Service, Branch & Pot End
- MV Joints – Straight, Branch, Pot-End 11kV 33kV 66kV
- MV Terminations – Indoor & Outdoor (Pole Mounted)
- MV Screened Separable Elbows & Connectors
- MV Bushings & Surge Arresters
- Substation Earthing Materials
- Link Boxes
- Cut Outs
- Heat Shrink Breakouts, Caps & Tubings
- Multi Service Distribution Boards
- Cable Ducts – Power & Fibre Optic
- Cable Duct Seals & Transits
- Cable Protection Covers





# International Distribution Agreement

**T&D are Nexans  
UK Specialist  
Stockist &  
Distributor for  
their range of  
Power Cable  
Accessories:**

- MV HV Joints & Terminations 11kV 33kV 66kV
- 11kV Triplex Joints & Terminations Heat Shrink
- MV HV Euromold Screened Separable Connectors
- Surge Arresters, Bushings & Jumper Leads
- Junction Cabinets – Onshore & Offshore
- Jointer Training Courses – Up To 66kV



## Join our LinkedIn Discussion Group

LV HV Power, Process, E&I & Hazardous Area Professionals

## 10K+ MEMBERS

DISCUSSIONS INCLUDE:

Process & Hazardous Area Industries,  
Heat Tracing, Gas Detection,  
Flow Control & Process Measurement.

NETWORK • ENGAGE • PROMOTE



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