



Power Cable Corporation

Raychem RPG



Connecting the Future

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Power Cable Corporation

Authorised Channel Partner & Stockist

Since - 1996

Company Profile

Power Cable Corporation - Incorporated in 1996, as Distribution Net work Global system, for Power Cables & Cable accessories Caters to the vest and Growing Industries, Power Projects Major EPC Contractors, & all new upcoming projects.

To be on Trusted Brand, Power Cable Corporation, Associated as Authorised Channel Partner & Distributorship - with **Raychem RPG LTD** for Energy Product Division.

Power Cable Corporation focus on Quality, Cost effective & firm Commitment for delivery & ensure the client satisfaction.

Product Profile for your reference in detail & looking forward for your Valued association.

C.E.O
D.Srinivas Srivastav

C.O.O
D.Samrat Kishan Rao

This is to Certify that the Management System of
POWER CABLE CORPORATION

24 (OLD NO:106), ARMENIAN STREET, CHENNAI – 600001,
TAMILNADU, INDIA

has been found to conform to the Quality Management System standard:

ISO 9001:2015

This certificate is valid for the following scope of operations:

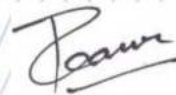
**TRADING AND INSTALLATION OF POWER CABLE & CABLE
ACCESSORIES AND ELECTRICAL ALLIED PRODUCTS**

Certificate No.: IN20420A

<u>Date of initial registration</u>	<u>Date of this Certificate</u>	<u>Surv. audit on or before/ Certificate expiry</u>	<u>Recertification Due</u>
29 February 2024	29 February 2024	28 February 2025	28 February 2027

This Certificate remains valid subject to satisfactory surveillance audits.

Accreditation



Director



For verification and updated information concerning the present certificate visit to www.iclcert.com
This certificate is property of Integral Certification Limited and shall be returned immediately when demanded.

Integral Certification Limited
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CABLE ACCESSORIES



LOW VOLTAGE CABLE ACCESSORIES

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RVSJ - Rayvolve Low Voltage Cable Connection Kits

Features

- Suitable for voltage upto 1.1 kV, cable from 25-400 Sq.mm.
- Conforms to EN 50393
- Suitable for XLPE / PVC Power Cables
- Available in Connector Type - Crimp or Mechanical
- Sleeve type : Armour cast tape"
- The gripping force of the specially formulated EPDM elastomer combines with a high-performance sealant to form a reliable, water & dirt resistant, insulating sleeve
- Easy, Tool-free installation thanks to the smart dual-wall design with an entrapped lubricant, making installation without any special tools



EPKJ - Inline Joints for Polymeric Cables up to 1kV

Features

- Conforms to IS 13573-1 / EN 50393
- Suitable for voltage upto 1.1 kV, cable range of 2.5 - 630 Sq. mm.
- Suitable for XLPE / PVC Power Cables
- Built-in Tin plated Cu earthing braid
- Connector Type - Crimp
- Sleeve type : Tubular

ECKJ - Straight Through Joint Kit

Features

- Conforms to IS 13573-1 / EN 50393
- Suitable for voltage upto 1.1 kV, cable range of 1.5 & 2.5 Sq. mm
- Suitable for Muticore Control Cables
- Built-in tin plated Cu earthing braid
- Connector Type - Cu Crimp
- Sleeve type : Tubular



RLVJ - Straight Through Joint

Features

- RLVJ kit comes with Cold Applied unique mastic coated insulating tape and Heat Shrinkable wraparound sleeve
- Suitable for voltage upto 1.1 kV, Seven sizes cover wide range of cable from 6-400 Sq. mm.
- Conforms to IS 13573-1 / EN 50393
- Suitable for XLPE / PVC Power Cables
- Connector Type - Crimp



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EPKT / HVT - Heat Shrinkable Termination System for Cables up to 36kV

Features

- Conforms to IS 13573-2
- Suitable for voltage upto 36 kV, cable range of 35 - 1000 Sq. mm.
- Suitable for XLPE Power Cables
- Built-in Tin plated Cu earthing braid
- Connector Type - Crimp
- Sleeve type : Tubular



IXSW/OXSW - Heat Shrinkable Termination System for Cables up to 36kV using ZnO Technology for Stress Control

Features

- No sheds for indoor applications up to 42 kV
- High-performance termination material
- New ceramic stress control system
- Compact design
- Few components
- Simple to install, high reliability
- Mechanical robustness
- Range taking
- No shelf life limitation



EPKJ/HVS-X/HVCJ - Heat Shrinkable Joints for Screened Plastic and Rubber Insulated Cables up to 36 kV

Features

- Conforms to IS 13573-2
- Suitable for voltage upto 36 kV, cable range of 35 - 1000 Sq. mm.
- Suitable for XLPE Power Cables
- Built-in Tin plated Cu earthing braid
- Connector Type - Crimp
- Sleeve type : Tubular & wrapround



MXSW - Heat Shrinkable Joints for Screened Plastic Insulated Cables up to 36 kV including Mechanical Connector

Features

- Conforms to IS 13573-2
- Suitable for voltage upto 36 kV, cable range of 35 - 1000 Sq. mm.
- Suitable for XLPE Power Cables
- Built-in Tin plated Cu earthing braid
- Built-in Mechanical connector
- Sleeve type : Rayfit Tubular



RPIT - Switchgear Inner Cone Termination

Features

- Conforms to size 2 & 3 bushing as per EN50180 / EN 50181
- Plug-in single as per core termination for Inner cone bushing
- Separable inline connection for high current, gas insulated switchgears up to 42 kV



ELBC - Switchgear Outer Cone Termination

Features

- Conforms to type C bushing as per EN50180 / EN 50181
- Suitable for voltage upto 36kV & current upto 1250 Amps, wide cable range of 35 - 800 Sq. mm.
- Screened, Separable elbow connector for Type C bushing
- Built-in Trifurcation Kit for three core version
- Connector Type - Mechanical
- Removable rear plug with capacitive test point
- Earthing Eye and Ground lead provides a connection point for earthing the screen

RSTI - Switchgear Outer Cone Termination

Features

- Conforms to type C bushing as per EN50180 / EN 50181
- Suitable for type c bushing as per voltage upto 36kV & current upto 1250 Amps, wide cable range of 35 - 800 Sq. mm.
- Screened, Separable elbow connector for Type C bushing
- Built-in Trifurcation Kit for three core version
- Connector Type - Mechanical
- Removable rear plug with capacitive test point
- Earthing Eye and Ground lead provides a connection point for earthing the screen



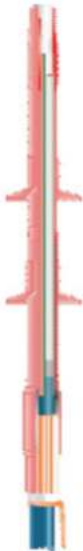
HIGH VOLTAGE CABLE ACCESSORIES

IHVT-H/OHVT-H- Heat Shrinkable Termination

The Raychem heat-shrinkable terminations 52 kV to 72 kV are suitable for all climates, areas, and environments, even severely polluted areas, as well as for all installation conditions, including top feed installation.

Features

- Heat-shrinkable stress control sleeves
- Compact and modular design
- Non-tracking, heat-shrinkable outer insulation
- Water- and corrosion-resistant
- Different creepage distances available
- Easy to install
- Suitable for compression and mechanical lugs
- No special or expensive tools
- Lightweight components
- Unlimited shelf life under normal storage conditions
- No oil or compound filling
- Reduced waste for disposal



FCEV- Heat Shrinkable Terminations for DC Filter Cables

The cable is prepared in the same simple and easy way as for Raychem medium voltage terminations without sanding or penciling. Based on the design of Raychem high voltage terminations, the filter cable termination consists of a staggered layer of stress control tubing's and patches.

A heat-shrinkable non-tracking insulation tubing and shed are shrunk over the stress control system and ensure a reliable seal to the lug and the over sheath. A mechanical lug is supplied with the kit. The termination is supplied as a single-phase termination.

Features

- Heat-shrinkable stress control sleeves
- Compact and modular design
- Non-tracking, heat-shrinkable outer insulation
- Easy to install
- No special or expensive tools
- Lightweight components
- Unlimited shelf life under normal storage conditions
- No oil or compound filling
- Reduced waste for disposal

EHVS-H- Heat Shrinkable Joints

The Raychem heat-shrinkable Joints 52 kV to 72 kV are suitable for all Polymeric insulated cables of various designs can be adapted with respect to shielding and metal sheath. Our heat shrink accessories have been used by utilities and industrial companies around the world for more than 40 years. This ongoing field experience has us a leader in materials science and technology for high voltage applications. Our materials technology is at the core of the development of our heat-shrinkable joints. The materials, used in Raychem cable accessories, have been extensively optimized with respect to product design and function, manufacturing, and expected service environments.

Features

- Compact and modular design
- Heat-shrinkable stress control sleeves
- Torque-controlled connector
- Joint fits on all polymeric cable constructions
- Proven shield continuity concept
- Short cut-back dimension
- Cable size transition possible
- Water and corrosion-resistant
- Easy and fast to install
- No special or expensive tools required
- Lightweight components
- Unlimited storage life-time under normal conditions
- Reduced waste for disposal



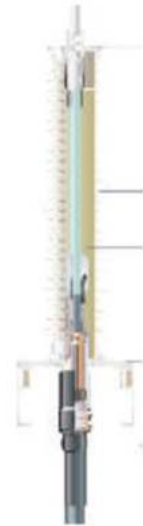
EXTRA HIGH VOLTAGE CABLE ACCESSORIES

OHVT-C- Outdoor high Voltage Terminations Composite type

The termination is designed for voltage classes 72 kV to 245 kV and to operate under severe environmental conditions. Polymeric insulated cables of various designs can be adopted with respect to shielding and metal sheath. Composite housings are supplied with suitable creepage for the most common and extreme pollution levels according to IEC 60071-1 and IEC 60071-2.

Features

- Pressure-tight and light weight composite housing
- Pre-fabricated and factory-tested Silicone-rubber stress cone
- Torque-controlled conductor bolt
- No special tools required to install the termination
- Insulating-oil filling without preheating
- Insulated base plate for sectionalization
- Fittings made of corrosion-resistant alloy
- Type tested according to IEC 60840 and IEC 62067 standards



OHVT-DF- Outdoor high Voltage Dry Flexible Termination

The dry flexible outdoor termination is designed for voltage class 145 kV and operation under severe environmental conditions. It is free from any insulating liquid or gel. Polymeric insulated cables of various designs can be adopted with respect to shielding and metal sheath.

Features

- Single piece termination body with premoulded stress cone
- 100% routine tested
- Creepage distance 4590 mm
- Light weight, less than 35kg
- Easy installation and fast assembly
- Maintenance-free in service
- Install in any position

EHVS-S- Energy High Voltage Splice Single Piece

The joint is a pre-fabricated one-piece design for voltage classes 72 kV to 245 kV. Polymeric insulated cables of various designs can be adapted with respect to shielding and metal sheath. The silicone rubber joint body with integrated geometrical stress control, provides proven electrical function. The joint components combine electrical performance, stress control and moisture sealing to provide the important functions required for all high voltage products

Features

- Premoulded one-piece joint body
- Torque-controlled connector
- Choice of outer Sealing and protection systems
- Joint fits on all polymeric cable constructions
- Proven shield continuity concept
- Factory-tested silicone-rubber body
- Special silicone rubber provides perfect compression force for optimised electrical performance
- Simple assembly
- No tension set of joint body
- Geometrical electrical stress control by moulded conductive deflectors
- Type tested according to IEC 60840, IEC 62067 standards



EHVS-T- Energy High Voltage Splice Three Piece

The joint is a pre-fabricated three piece design for voltage classes up to 145 kV. Polymeric insulated cables of various designs can be adapted with respect to shielding and metal sheath. The silicone rubber joint parts with integrated geometrical stress control provides proven electrical function. The joint components combine electrical performance, stress control, and moisture sealing to provide the important functions required for all high voltage products

Features

- Premoulded three piece joint design
- Torque-controlled connector
- Joint fits on all polymeric cable constructions
- Proven shield continuity concept
- Factory-tested silicone rubber bodies
- Special silicone rubber provides perfect compression force for optimized electrical performance
- Short cut-back dimensions
- No special tools required to install the joint
- Cable size transition possible
- No tension set of joint body
- Moulded outer conductive screen
- Geometrical electrical stress control by moulded conductive deflectors
- Type tested according to IEC60840 standards



PHVS/PHVT- Dry Plug-In Switchgear and Transformer Terminations

The dry compact switchgear termination for voltage classes 72 kV to 245 kV is designed to be installed in cable entry housings of gas-insulated switchgear (GIS). It complies with IEC 62271-209 standard, which essentially specifies the interfaces between the termination and the switchgear. Therefore, the termination will fit into all GIS that comply with IEC 62271-209.

Adapters are available to match the dimensions of wet (oil-filled) type terminations, and older designs specified in IEC 60859. The termination operates in SF6 but also in insulating liquids like transformer oil.

A corona shield at the top of the termination then provides the necessary shielding for the terminal.

The termination is easily separable and consists of a plug-in part and an epoxy resin insulator. The insulator can be installed by the GIS or transformer manufacturer directly at the factory, saving installation time on-site and reducing the risk of contamination of the cable entry housing

Features

- Dry interfaces, no oil-filling
- Dimensions comply with IEC 62271-209
- Pressure-tight resin housing
- Operates in SF6 and insulating liquids
- Pre-fabricated and factory-tested silicone-rubber stress cone
- Torque-controlled or wedge-type multi-contact conductor bolt
- No special tools required to install the termination
- Insulated cable gland for sectionalization
- Type tested according to IEC 60840, IEC 62067 and IEC 62271-209 standards





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CABLE MANAGMENT SOLUTIONS

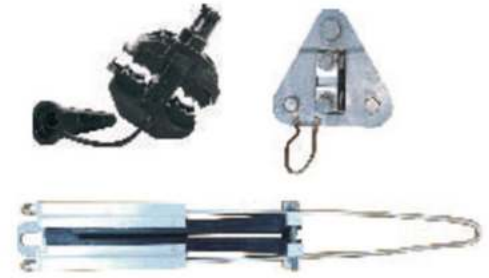


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Connectors & Fittings for MVCC

Features

- IPC for Insulated to Insulated / Insulated to Bare connections
- Anchor Clamp & Suspension Clamp with Built-in Insulation Piercing mechanism
- Waterproof IPC's with long neck 13mm shear head nut ensuring reliable installations
- IPC Contact plates made of copper bolt made of steel with Geomet (Chromium free) protection
- String Hardware with bolted type clamps
- Anchoring clamp, Suspension clamp, IPC and Cable Tie confirms to EN 50397-2



Connectors & Fittings for LV ABC

Features

- For Bare & insulated messenger application
- Complete range of LV ABC accessories with IPC's, Connecting Sleeves (MJPT), Bi-metallic lugs (CPTAU), Anchoring/tension clamps, suspension clamp, eye hook, & Pole clamp
- Waterproof IPC's with long neck 13mm shear head nut ensuring reliable installation
- IPC's Conforms to NFC 33020 and EN 50483-4 Standards
- Connecting sleeves (MJPT) & Bi-metallic lugs (CPTAU) comes with colour code of elastomeric sealing ring allows an easy identification of the cross sections.



Clamps & Connectors for HVCS

Features

- Bolted Connectors
- Terminal connectors for equipment to conductors/IPS aluminum tubes
- PG Clamps, T Connector, Inter-connector, Welding sleeve, Support connectors, Corona bell, Sliding connector, Elbow connector etc.
- Inhouse Gravity die-casting (GDC) & Sand-casting facility
- Approved by major state & Central utilities like PGCIL, NTPC etc Upto 765kV



AMPACT C-Wedge Connector & Universal Distribution Connector (UDC)

Features

- Boltless connector
- Conforms to IS 5561 and ANSI C 119.4 (class AA) standards
- Fail Safe, Self locking and elastic property of material.
- Maintenance Free Connectors
- Re-usable two-piece connector
- Offers Uniform Mechanical Stress Distribution, Increased Electrical Contact Area & Higher Strength
- The wedge is inserted at a very high-speed using the AMPACT connector tool & booster
- Easy, uniform & time saving installation method
- Boltless connection
- Used for distribution connection upto 50mm² connector
- Re-usable two piece connector with locking window for better visual indication
- Made of tin plated Copper alloy
- Simple connection methodology using piler.



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Cable Lugs & Connectors

Features

- Available in Copper, Aluminum & Bi-metallic
- One, two & four stud hole options
- Barrel have variety such as Standard, Long, Heavy duty & Bell mouth
- With/without and rectangular notch inspection window options
- Ferrule are Internally beveled wire entry for easy conductor insertion
- Available in Short, Standard, Long & DIN barrel options
- Terminal ends used for light duty application that incorporates a wire crimp connection and a bolted stud hole connection
- Terminal ends available in Non-insulated & insulated option with colours.
- Fork, Ring, Pin, Blade, Bootless types with separate DIN sizes options



Clamping

Features

- Cable ties available in coated & uncoated version
- Flammability Rating : UL94 fireproof, Halogen free and UV-resistant
- Ball lock, Spring type, releasable type & Ladder type cable ties options
- Rounded edges and Smooth Surfaces for safe handling
- Comes with Identification system such as alpha numeric characters, marker tags & plates
- Available in SS304 & SS316 material
- Packed in easy-to-use plastic tote dispensers, available in 4 colour codes based on band widths. Carton box packing also available



Cable Glands

Features

- Designed for robust mechanical fastenings, stringent ingress protection & reliable earth continuity
- Comprehensive range of cable glands solutions for all types of cables (armored and unarmored) for industrial & explosive atmospheres applications
- Available in Brass / Nickel Plated Brass finish
- Gland sizes M16 to M100 with Ingress Protection IP66 (Changes as per range)





JUNCTION BOX

Aluminum Junction Box

Features

- Material provide high impact strength and rigidity.
- Superior working temperature of -40 degree Celsius to 135 degree Celsius
- Excellent dimensional stability and electrical properties.
- Good resistance to chemical attack (painted)
- Good heat sink properties.



Aluminium Junction Box

Features

- Material provides high impact strength and rigidity.
- Superior working temperature of -60 degree Celsius to 140 degree Celsius
- IEC 60529 Certified for protection class.
- Available in plain and powder coated



GRP Junction Box

Features

- Fiber Glass, a thermoset polyester material reinforced with fiber glass
- Superior working temperature of -40 degree Celsius to 150 degree Celsius
- Flexible provision for Earthing ,Din rail and Mounting plate
- IP 66 and IP 67 & IP 68 on request



GRP Junction Box

Features

- Fiber Glass, a thermoset polyester material reinforced with fiber glass
- Superior working temperature of -60 degree Celsius to 110 degree Celsius
- UL 94 V0 certified for Flammability
- IEC 60529 certified for protection



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Fire Rated Junction Box

Features

- Intrinsic fire resistance in accordance with DIN 4102 PART 12 (German standard) in combination with fire survival cable and ceramic terminal block
- Intrinsic fire resistance from external flame , water and external impact with BS 6387:2013 in combination with fire survival cables & ceramic terminal block
- Protection against accidental is ensured by enclosure .
- Cable junction box can be used for tunnel application



Stainless Steel Junction Box

Features

- Stainless steel's ability to resist corrosion comes from its chemical composition
- Superior working temperature of -20 degree Celsius to 80 degree Celsius
- Excellent dimensional stability and electrical properties.
- Provides high resistance to corrosion and ensures performance of equipment



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TRANSFORMER

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POWER TRANSFORMERS

Rating: Upto 60MVA, 145KV, 3Ph Transformers

Features

- Robust design and sturdy construction to competently handle short circuits
- Mineral Oil, Silicon Oil, Ester Oil as per requirement
- Step lap construction and mitred joint for core
- Winding material: Copper or Aluminium
- Applicable standards: IS, IEC, ANSI, IEEE etc.,
- Available in both ONAN,KNAN and ONAF cooling
- Contra shield winding for uniform voltage distribution
- Winding construction available with continuously transposed conductor



SPECIAL TRANSFORMERS



Converter Duty Transformers: Upto & Including 40MVA, 33KV, 3Ph Xmer

Features

- K rated Transformers
- Designed to accommodate harmonics
- Highly efficient and durable
- Automatic ON/OFF cooling options

Inverter Duty Transformers: Upto & Including 20MVA, 33KV, 3/5 winding Xmer.

Features

- Suitable for Solar load profile
- Designed to withstand voltage excursions due to pulsed mode inverter operation
- Electrostatic shield between & Primay & Secondary windings
- Available in Copper / Aluminium windings



Furnace Transformers: Upto & Including 15MVA, 33KV Xmer

Features

- High current than conventional X'mer
- Image : Furnace Xmer
- Provides Large voltage variation to suit furnace applications
- Withstand Harmonics generated during to rectifier furnace operation
- With OFWF cooling at 100% standby capacity
- Comes with Off circuit or On load tap changers
- Types - Induction, Arc & Laddle furnce applications

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Cast Resin Transformers

Range: Upto and Including 20MVA, 33KV, 3Ph Transformers.

Features

- Available in Distribution & Converter Duty Applications
- Winding material - Copper / Aluminium
- High impulse and Dynamic short circuit strength
- Low partial discharge
- Non hygroscopic & fire retardant with self-extinguish property
- IP protection upto IP44
- Class of Insulation : F (155 deg c) & H (180 deg c)
- Available in OCTL, OCTC & OLTC



Vacuum Pressure Impregnated Transformers

Range: Upto and Including 15MVA, 17.5KV, 3Ph Transformers

Features

- Impregnation done under vacuum
- Suitable for variable loads
- Can be designed for 6, 12, 24 & 36 pulse converter applications with multi secondaries
- Widely suitable for Variable frequency drives
- Class of Insulation: H (180 deg c) N (200 deg c) & R (220 deg c)
- IP protection upto IP54

SWITCH BOARD COMPONENTS

Rating: Upto 60MVA, 145KV, 3Ph Transformers

Features

- Copper flexible bus bars, Profile bus bars, Laminated bus bars,
- Sleeved and painted bus bars, Jaw contact assembly, Earth switches, HT Isolators, Switch fuse unit, Machined or forged components.



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• • • Covered Conductors

Cross Section Range : 50 to 329 Sq mm
Conductor Type : AAAC, ACSR and AL59
Voltage range : 1.1 to 110 kV
Conforms to EN-50397 Standards

Features

- Longitudinal water blocking hence no chance of water entry
- Semi Conducting Screen ensures uniform stress distribution
- No formation of Aluminium Oxide on Conductor
- Pure Two layer XLPE insulation
- Triple extrusion manufacturing
- No Tracking & Erosion, UV protection
- Tap Offs by IPC - no chance of water entry
- Sizable reduction in Phase to Phase and Phase to Ground Clearance
- Low Leakage Current hence ensuring safety to Humans & Animals
- Upgradation on existing infrastructure also possible

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SURGE ARRESTERS



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SURGE ARRESTERS

Indoor/ Outdoor Distribution Medium Class (DM) - Model PSO

Features

- Conforms to IEC 60099-4
- 9KV, LD 75A, 1000µSec, Distribution medium class
- Direct moulded housing to prevent moisture ingress
- Hydrophobic silicone housing (Tracking and erosion resistant)
- Excellent cantilever and tensile performance



Indoor distribution high class (DH) (Class 1) - Model DA1

Features

- Conforms to IEC 60099-4
- Range from 3kV to 15kV, Distribution High Class (DH) (Class 1)
- Low residual Voltage
- "Safe non-shattering short circuit behavior to higher current levels"
- Direct moulded housing to prevent moisture ingress
- Hydrophobic silicone housing (Tracking and erosion resistant)
- Excellent cantilever and tensile performance

Indoor station low class (SL) (Class 2) - Model MCPA2

Features

- Conforms to IEC 60099-4
- Range from 3kV to 15kV, Station Low Class (SL) (Class 2)
- Low residual Voltage
- "Safe non-shattering short circuit behavior to higher current levels"
- Direct moulded housing to prevent moisture ingress
- Hydrophobic silicone housing (Tracking and erosion resistant)
- Excellent cantilever and tensile performance



Indoor station medium class (SM) (Class 3) - Model PCA

Features

- Conforms to IEC 60099-4
- Range from 6kV to 36kV, Station Medium Class (SM) (Class 3)
- Low residual Voltage
- "Safe non-shattering short circuit behavior to higher current levels"
- Direct moulded housing to prevent moisture ingress
- Hydrophobic silicone housing (Tracking and erosion resistant)
- Excellent cantilever and tensile performance

SURGE ARRESTERS

Indoor/ Outdoor Distribution high class (DH) (Class 1) - Model DA1

Features

- Conforms to IEC 60099-4
- Range from 3kV to 36kV, Distribution High Class (DH) (Class 1)
- Low residual Voltage
- "Safe non-shattering short circuit behavior to higher current levels"
- Direct moulded housing to prevent moisture ingress
- Hydrophobic silicone housing (Tracking and erosion resistant)
- Excellent cantilever and tensile performance



Indoor/ Outdoor Station low class (SL) (Class 2) - Model OCP2

Features

- Conforms to IEC 60099-4
- Range from 6kV to 45kV, Station Low Class (SL) (Class 2)
- Low residual Voltage
- "Safe non-shattering short circuit behavior to higher current levels"
- Direct moulded housing to prevent moisture ingress
- Hydrophobic silicone housing (Tracking and erosion resistant)
- Cage Construction : Excellent cantilever and tensile performance

Indoor/ Outdoor Station Medium class (SM) (Class 3) - Model PCA

Features

- Conforms to IEC 60099-4
- Range from 6kV to 216kV, Station Medium Class (SM) (Class 3)
- Low residual Voltage
- "Safe non-shattering short circuit behavior to higher current levels"
- Direct moulded housing to prevent moisture ingress
- Hydrophobic silicone housing (Tracking and erosion resistant)
- Cage Construction : Excellent cantilever and tensile performance



Indoor/ Outdoor Station low class (SL) (Class 2) - Model PAA

Features

- Conforms to IEC 60099-4
- Range from 60kV to 216kV, Station Low Class (SL) (Class 2)
- Low residual Voltage
- "Safe non-shattering short circuit behavior to higher current levels"
- Direct moulded housing to prevent moisture ingress
- Hydrophobic silicone housing (Tracking and erosion resistant)
- Cage Construction : Excellent cantilever and tensile performance

SURGE ARRESTERS - ACCESSORIES

Surge Counter SC12

Features

- No auxillary supply required
- Weather proof sealed model
- High degree of resistance to corrosion



Surge Monitor SC13

Features

- No auxillary supply required
- weather proof sealed model
- High degree of resistance to corrosion
- leakage measurment scale for leakage current

Surge Monitor SC13AC

Features

- No auxillary supply required
- Weather proof sealed model
- High degree of resistance to corrosion
- leakage measurment scale for leakage current
- with NO/NC contact



Surge Monitor SC003

Features

- No auxillary supply required
- Weather proof sealed model
- High degree of resistance to corrosion



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ELECTRICAL SAEFTY



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KL - Insulating Series

Features

- Its ergonomic design provides comfort to the wearer for a longer duration and its thickness ensures dexterity
- Manufactured from natural rubber latex for ultimate durability and flexibility
- Ultimate fit, comfort and performance for electrical workers' safety and protection
- Generous flared cuff allows room for clothing and improves ventilation
- The design also features a smooth finish for easy donning and doffing
- The gloves are individually tested and delivered in a sealed UV protecting plastic bag
- Available in two versions: Straight Cuff and Rolled Cuff



KL - ARC - Insulating & Arc Flash Series

Features

- 2-in-1 Gloves: Electrical Insulating and ARC Flash Protection
- Its ergonomic design provides comfort to the wearer for a longer duration and its thickness ensures dexterity
- Manufactured from natural rubber latex for ultimate durability and flexibility
- Ultimate fit, comfort and performance for electrical workers' safety and protection
- Generous flared cuff allows room for clothing and improves ventilation
- The design also features a smooth finish for easy donning and doffing
- ARC Flash: ASTM F2675 tested
- ARC Flash: IEC 61482-1-2 Box tested
- The gloves are individually tested and delivered in a sealed UV protecting plastic bag
- Available in two versions: Straight Cuff and Rolled Cuff



KC - Composite Series

Features

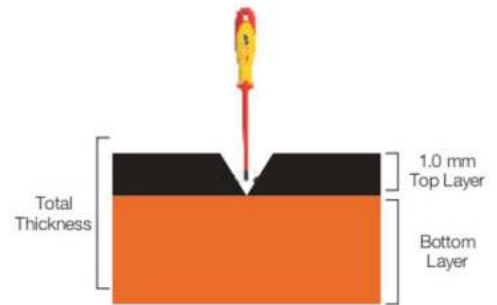
- Three-in-one gloves : Combining Di-electric, Mechanical and Arc Flash Protection
- Composite gloves are made from a natural latex base with a specially treated outer layer and combine mechanical resistance and comfort with a high protection level
- The composite material confers on the gloves with great flexibility despite the required thickness for guaranteeing real protection against mechanical hazards. Moreover, the chemical formula of the outer coating gives the gloves an exceptional grip, even in damp conditions
- Specially treated composite insulating gloves to obtain high di-electric characteristics and for working in complete safety without leather over gloves
- Its ergonomic design provides comfort to the wearer for a longer duration and its thickness ensures dexterity
- Manufactured from a natural rubber latex for ultimate durability and flexibility, ultimate fit, comfort and performance for electrical workers' safety and protection
- Generous flared cuff allows room for clothing and improves ventilation. The design also features a smooth finish for easy donning and doffing
- ARC Flash: ASTM F2675 tested
- The gloves are individually tested and delivered in a sealed UV-protecting plastic bag
- Bi-Coloured: Black outer with Red inner coating



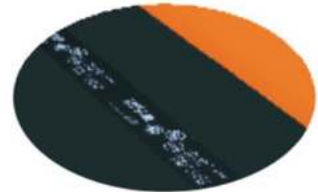
Insulating Matting - Bi-Colour Series

Features

- Fully tested to specification IEC 61111:2009
- Bi-Colour (Life Indicator) Technology:- Black on top and Orange on bottom
- High electrical resistance from 50 volts to 50,000 volts.
- Suitable for both AC and DC applications
- Provides safety for operators against electrical shock
- Anti-slip surface finish. Conforming to slip-resistant test
- Resistant to acid, oil and low temperatures
- Permanent marking - durable and un-erasable
- Fully traceable supply
- Low maintenance
- Highly durable & quality rubber compound
- Highly flexible mats with a self-gripping design
- Anti-fatigue type, comfortable while standing for long periods
- Operating temperature: - 40°C to + 55°C
- Repetitive marking (3 markings every 1 meter)
- Halogen-free, RoHS2 and REACH compliant



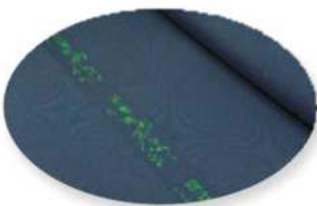
IEC 61111 : 2009
Bi-Colour Matting



Insulating Matting - Dark Grey Series

Features

- Fully tested to specification IEC 61111:2009
- High electrical resistance from 50 volts to 50,000 volts.
- Suitable for both AC and DC applications
- Provides safety for operators against electrical shock
- Anti-slip surface finish. Conforming to slip-resistant test
- Resistant to acid, oil and low temperatures
- Permanent marking - Durable and un-erasable
- Fully traceable supply
- Low maintenance
- Highly durable & quality rubber compound
- Highly flexible mats with a self-gripping design
- Anti-fatigue type, comfortable while standing for long periods
- Operating temperature: - 40°C to + 55°C
- Repetitive marking (3 markings every 1 meter)
- Halogen-free, RoHS2 and REACH compliant



BBIT - Busbar Insulation Uncoated Tubes

Features

- Suitable for voltage upto 36 kV, application \varnothing 11-125 mm
- High flexibility ideal for curved or bent busbars without cracking or creasing
- Excellent thermal emissivity means no busbar derating is required
- REACH and RoHS compliant



BPTM - Busbar Protection Uncoated Tube

Features

- Suitable for voltage upto 25 kV, application \varnothing 6.5-150 mm
- Assured performance even at continuous high operating temperatures
- Excellent thermal emissivity means no busbar derating is required
- REACH and RoHS compliant

RBPM - Busbar Protection Uncoated Tube

Features

- Suitable for voltage upto 25 kV, application \varnothing 13.5-150 mm
- High anti-tracking and thermal emissivity properties



MWTM - Medium Wall Insulating Uncoated Tube

Features

- Medium-wall low voltage insulation and core protection tubing up to medium voltage
- Suitable for general sealing and re-jacketing of insulated cables
- 3:1 shrink ratio with high shelf life
- REACH and RoHS compliant

WCSM - Outer Protection Insulating Coated Tube

Features

- Thick-wall low voltage insulation and outer sealing tubing
- Available inline coated with hot melt adhesive
- High material hardness with semi-rigid flexibility
- 3:1 shrink ratio with high shelf life
- REACH and RoHS compliant



Cable End Sealing Caps

Features

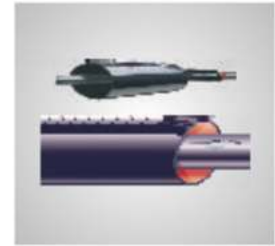
- Suitable for all cable types
- High resistance to moisture, fungus and weathering
- Suitable for underwater and underground application



IRJ - Cable Outer Jacket Repair Sleeve

Features

- Suitable for Standard Poly or elastomeric insulated cables
- Moisture vapor transmission barrier
- Fast & Labour saving installation
- Fitting and sealing all in one step
- Abrasion and corrosion resistant



HVBT - Busbar Insulation Tape

Features

- A single layer of tape with two-third overlapped is suitable for 17.5 kV AC voltage and dual layer for 36 kV AC voltage
- Wide operating temperature -40°C to 90°C
- Excellent thermal emissivity means no busbar derating is required
- Adhesive-coating produce a complete lap to lap seal
- Non Adhesive to metal or porcelain, allowing easy removal for maintenance

MVFT - Medium Voltage Fusion Tape



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Features

- Silicone self amalgamating fusion tape
- A single layer of tape with two-third overlapped is suitable for 15 kV AC voltage and dual layer for 35 kV AC voltage
- Wide operating temperature 0°C to 90°C
- Designed to combine the integrity of a Silicone polymer with the versatility of a wraparound product
- It sticks to itself and other insulating materials, it will not adhere to metal or porcelain allowing easy removal for maintenance
- Offers easy installation over a wide variety of shapes including complex connections



MVLC - Medium Voltage Line Cover

Features

- MVLC provide state-of-the-art insulation to help prevent electrical caused by trees or wildlife or civil structure coming into contact\with distribution lines
- It an be applied selectively on problem area such as distribution lines passing very closely to any civil structure, cyclone or natural calamity prone region, forest, etc.
- It is made up of cross-linked material to creat an extremely robust insulation system, ensuring many years of reliable operation in the harshest environments

SE-CAB, E-CAB & CAB - Elastomeric Insulating Bushing Boot

Features

- Easy tool free installation
- One product for straight and right angle application
- Ideal for switchgear and transformer cable boxes
- Non-tracking elastomeric housing having high erosion resistance





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RAILWAY OHE SOLUTIONS



Raychem RPG

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Modular Cantilever System (MCS)

Features

- Simple & Light weight Design
- Factory assembled product, ready to dispatch
- Ease of on-site installation and servicing
- Low maintenance & onsite inspection
- Structural integrity Validated for severe static & dynamic loading condition
- Corrosion Resistant, Long Service life & High Reliability
- Designed for high tension OHE lines for all Existing and New high-speed lines Railway lines, DFCC & for Metro Projects



Auto Tensioning Device (ATD)

Features

Spring based ATD with:

- Patented designs with Innovative technology
- Factory fitted assembly, ready to install reduced Installation time
- Our Make in India initiative under Aatmanirbhar Bharat
- Cable of catering load requirements upto 30 KN
- Light weight, compact design resulting in Ease of handling & transportation with reduced maintenance
- One fit for all - catering various configurations such as portals, tunnels etc.
- Flexible to accommodate semi speed line to high speed line
- No tensioning weight is required. Complete safety with no falling weight in case of any accident



Short Neutral Section (SNS)

Features

- Uniform wearing of the contact with long service life
- Best arc extinguishing capability
- Propriety PTFE technology assuring reduced friction with pantographs
- Reduced sliding friction between Pantograph & PTFE Roller resulting in enhanced life for PTFE contact
- Smooth Transition from one section to other with Bidirectional Crossing function
- M Insulator body revolvable in case of wear.
- For max. speed up to 250 km/h
- Minimum breaking load of the Neutral Section Element: J20 kN.
- SML of insulator rod: 80 kN.





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GAS METER



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Mechanical G1.6 Meter

Features

- 0.5dm³ Cyclic volume optimum for Indian Market needs
- Accuracy Class 1.5, Maximum working pressure Pmax 50 kPa (0.50 bar)
- Temperature range -10 to +55°C.
- Major Advantage: Compact Design, Light Weight, and Easy to install.



Postpaid G1.6 Meter

Features

- Daily readout including current device state along with daily gas consumption in m³
- Tamper detection: lid opening, external magnet, exceeding Qmax
- Scheduled daily readouts > Server initiated
- Easy data synchronization, configuration & installation

Prepaid G1.6 Meter

Features

- Remote Flow shutoff Control through motor operated Ball valve once credit gets exhausted or reaches emergency value
- Low power consumption and high battery life
- Holiday list update available
- Online communication through payment gateway for credit updates in gas meter





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Earthing & Lightning Protection Solutions

- To protect buildings, machinery & appliances under fault conditions.
- To protect human & animals.
- Design - Risk Assessment - IEC 62305 - Part 1, Part 2, Part 3 & Part 4 , IEEE std80 and BS 7671
- Air Termination Rod, Conductors IEC 62561 - 2
- Earthing , Exothermic welding IEC 62561-5, IEC 62651-2 , UL 467



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Build to Print (Customization)

Your reliable partner with expertise in manufacturing

Simple Machining | Precision Machining | Casting | Sheet Metal | Fabrication

"We offer one stop solution platform for all your customized parts requirement with our expertise in various segments of capabilities like precision machining, forging, casting, sheet-metal, fabrication, heat treatment, surface treatment and other process.

Our range covers components from the areas of mechanical, hydraulic, precision measurement, Sensor technology, electrical drive system and control technology.

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Our Prestige Clients





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Authorised Channel Partner & Stockist

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