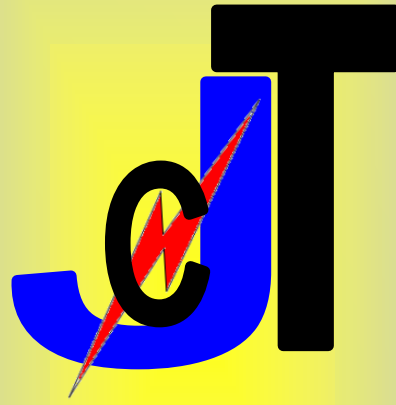


KATALOGE

Trading of Electrical Switchgear, Lightings, Machineries & Construction Materials



شركة جمار التجارية ذ.م.م
JAMAR TRADING CO. W.L.L.

Jamar Trading Co. W.L.L.



ACB & MCCB Main Panels

We assemble Power Distribution Panels for local and export market. Used widely in a variety of industries materials procured from trusted vendors. We offer power distribution panels in various dimensions of sizes and width and also provide customization according to the specifications provided by the customers. The distribution panel enables main incoming of electric board and generator with bus coupler permitting all the outgoing feeders. This process can be executed either on electric board supply or generator supply. Moreover an interlock system is provided to prevent clash between electric board supply & generator supply. This range of products is widely used in various industrial and building applications.

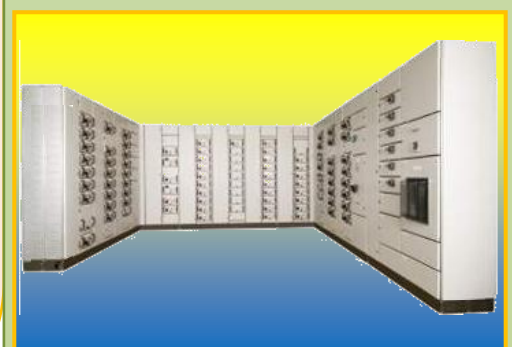
We assemble low voltage switch boards system Form-2/3/4 each individually designed to cater for exact customer requirements.

Specifications:

- Busbars- copper tinned 10micron coated 99.98% purity available from 100 to 4000Amps. Capacity.
- Neutral/earth bars are provided based on the size of load.
- Incomer - from 400 to 3200Amps ACB/MCCB.
- All the components are provided with specific protection requirements.
- All the doors are provided with hinges, locks and gasket.
- Separate compartments for incoming and outgoing feeders.
- Insulation material is used as per the rating of components.

Process of Production:

- Design the scheme as per the requirements of clients.
- Approval of concerned authorities
- Fabrication process
- Assembly under qualified engineers
- Testing: -
 - Visually.
 - Mechanically
 - Megger test
 - High voltage test
 - Live supply to test function of components



MCCB Sub Main Panels

We design as per consumer's requirements and with international and local safety standards. They are used for commercial, residential, industrial and educational, health, security and other Government projects.

Specifications:

- Busbar ratings. As per requirement 100 to 800Amps. Capacity.
- Neutral/earth bars are provided based on the size of load.
- Incomer - from 60 to 630Amps 3P + N.
- Outgoings as per requirements from 2-16 way load center assembly.
- Enclosure is provided with separate compartments for incoming and outgoing and metering.
- All the doors are provided with hinges, locks and gasket.

Performance:

- Fabricated from steel sheet
- Pretreated against corrosion
- Scratch resistance epoxy powder coated finish Ral-7035 (Other colour available on request)

MCCB's in metal enclosure and with busbar chamber:

We provide enclosures suitable for MCCB in enclosures for in - out cabling and enclosures for MCCB's combine with busbars for many connections for other outgoing feeders.

Ratings: 60 up to 1200 Amps. TPN.



MCCB Distribution Boards

Our MCCB DB's conformed to IEC 439 and is designed with a fully enclosed and insulated busbar system. High conductivity busbars are used in the DB's. The enclosures are powder coated with light gray shade (RAL 7035). The MCCB range is from 20A to 800A, in 1, 2, 3 & 4 pole versions.

Technical Data	
Specification	IEC 439
Busbar rating	Up to 800A
Incoming options	1) Isolator 2) MCCB
Outgoing	20A to 250A - SP / TP MCCBs
Max: rated Voltage	220VAC 1Ø / 415VAC 3Ø at 50/60Hz
Number of Ways	4, 6, 8, 10, 12 & 18
Colour	RAL 7035 Powder coated
Protection category	IP 54
Note: Number of ways can be provided on customer's request.	

Metering cubicle and additional cable alley can be supplied as optional extras.

To meet specific needs, we offer tailor-made solutions. Our team of engineers will design and fabricate DB's to suit customer requirements.

Remote Tap Changer Circuit

We offer technologically advanced relay control panel & Remote Tap Changer Circuit (RTCC) Panel, which finds wide application in the industries such as paper industry, cement industry, food industry, chemical industry and pumping applications. Some of the salient features of our products are:

- Compartmentalized design eliminates risk to maintenance personnel.
- Separate busbar and cable chambers.
- Sufficient space for incoming and outgoing cables.
- Illumination in vertical cable chamber.
- Shrouds on live incoming terminals.



MCB Distribution Boards

Our MCB DB's are available in single pole and neutral, triple pole and neutral or split bus section to provide a variety of options. Removable neutral links, shrouded busbar systems and clear labelling makes our DB's superior to any other brand. Gland knock outs are made on both sides for easy cabling. Incoming cables up to 35 sq mm can be easily connected in the incoming device. The enclosures are powder coated with light gray shade (RAL 7035).

Technical Data

Specification	BS 5486 Part12 / IEC 439
Bus bar rating	100A, 10KA
Incoming options	1) Isolator 100A
	2) RCCB (ELCB) 40 / 63 / 100A with 30 / 100 / 300mA sensitivities
	3) Isolator + RCCB
Outgoing	6A to 60A - SP / TP MCBs
Type	Screw Type
Max. rated Voltage	240VAC 1Ø / 415VAC 3Ø at 50/60Hz
Number of ways	
Single phase DB - 4, 6, 8, 9, 10, 12, 15 & 18	
Three phase DB - 4, 6, 8, 10, 12, 14 & 16	
Split TPN DB - 2+2, 4+2, 4+4, 6+2, 6+4, 8+4, 8+6, 10+2, 10+4 & 12+6	
Colour	RAL 7035 Powder coated
Protection category	IP 41
NOTE: Number of ways can be provided on customer's request.	

Suitable for final circuit applications are designed for industrial & domestic use. The design is based on modular concept that provides full flexibility. Enclosures are made with specially designed dies, type flush or surface mounted.

Variable Frequency Drive Panels

We supply VFD (Variable Frequency Drive) Panels, which are also Known as digital VFD drives. It is an important part of power panels that is used for VFD squirrel cage induction and in motor control applications. Our ranges of VFD Panels are stringently tested on well defined parameters before being supplied to our clients.



Feeder Pillars

Rating	Up to 1600A, 50KA Fault Level
Incomer	MCCB, Isolators, Vertical Fuse switch
Outgoing	Vertical Strip Fuse ways up to size II with DIN Type Fuse.
Metering	Voltmeter, Ammeter, KWH meter, Max-demand meters etc in accordance with customer requirement.
Enclosure	Electro galvanized sheet steel with power coated or GRP Enclosure conforming to different IP ratings.
Bus Bars	High conductivity hard down electrolytically tinned and sleeved with color coded fire retardant insulation sleeves of 20KV /mm class, Copper Bus Bars.



Metering Panels

Rating	Up to 1600A, 80 ways
Incomer	MCCB
Outgoing	MCCB
Metering	Direct reading KWH meter with cutout both SPN & TPN, CT operated KWH meter in accordance with customer's requirement. Volt meter, Ammeter etc; are provided as optional.
Enclosure	Electro galvanized sheet steel with power coated enclosure conforming to different IP ratings.
Bus Bars	High conductivity hard down electrolytically tinned and sleeved with color coded fire retardant insulation sleeves of 20KV /mm class, Copper Bus Bars.
Rating	Upto 1600A, 50KA Fault Level
Incomer	ACB, MCCB, Isolators, Vertical Fuse switch
Outgoing	MCCB, Vertical Strip Fuse ways up to size II with DIN Type Fuse.
Metering	Voltmeter, Ammeter, KWH meter, Max-demand meters etc in accordance with customer requirement.
Enclosure	Electro galvanized sheet steel with power coated or GRP Enclosure conforming to different IP ratings.





Automatic power factor Correction Capacitor Banks

We provide optimum quality capacitor panels using the most optimum quality raw materials procured from the best vendors. We ensure that our capacitor panels are durable, rust free and efficient. These are extensively used for maintaining low voltage and high voltage in factories and wind mills. The capacitor panels, offered by us, are designed as per the requirements of the industry in compliance with IE rules. These panels are equipped with suitable breaking capacity that provides back-up protection and eliminates the need for HRC fuse replacements and are vermin proof as well. Our range of capacitor panels is highly reliable and is extremely cost efficient as there are no fuses.

Rating	Up to 1000KVAR
Incomer	MCCB / Isolator
Outgoing	Multi units of 6 way or 12 way capacitor banks switched by TP contactors and backed up by HRC fuses. All Capacitors are provided with discharge resistors.
PF Controller	Microprocessor based 6 step / 12 step PF regulator relay with digital PF indicator.
Enclosure	Electro galvanized sheet steel with power coated enclosure conforming to different IP ratings.
Bus Bars	High conductivity hard down electrolytically tinned and sleeved with color coded fire retardant insulation sleeves of 20KV /mm class, Copper Bus Bars.

Features:

- Equipped with suitable breaking capacity
- Provides back up protection
- Comes with incomer MCCB and AFCB relay
- Power factor correction
- Contractors based switching off capacitors
- Works in normal or heavy varying load
- Power factor control

Process Control Panels

- ❖ Street light control panels
- ❖ Relay and controls panels
- ❖ Pump control panels
- ❖ Sewage treatment plant control panels
- ❖ Refrigeration and cold room control panels

Power Distribution Boards / Power Control Centers (PCC)

Rating	Upto 3200A, 100KA Fault Level
Incomer	ACB, MCCB
Outgoing	MCCB, Switch Fuse Units
Metering	Voltmeter, Ammeter, KWH meter, KVAh Meter, KW Meter, PF Meter etc in accordance with customer specification.
Enclosure	Electro galvanized sheet steel with power coated enclosure conforming to different IP ratings.
Construction	Form 2, 3 and 4
Bus Bars	High conductivity hard down electrolytically tinned and sleeved with color coded fire retardant insulation sleeves of 20KV /mm class, Copper Bus Bars.

AMF or ATS Panel

Our AMF control panel is efficiently used where the generators are installed between main AC and load. The AMF control panels that we offer helps to start the generator in case of mains failure. It immediately gets the power back without any loss of work by transferring the load from mains to the generator. Therefore, there is no need to transfer the load using changeover switch.

We bring forth in the markets an extensive range of **AMF Control Panel** that is fabricated using high quality raw materials. AMF Control Panels provided by us are obtainable in both manual as well as auto modes.

Attributes:

- Non-corrosive
- Shockproof
- Easy operation
- Reliable performance
- User-friendly operation
- Superior grade
- Ease of installation
- High efficiency
- Reliable performance
- Hassle free functioning
- Resistance to wear and tear
- Low maintenance cost
- Durable

Available in wide range from 30A to 4000A. Electrically & mechanically interlocked ACB type AMF/ATS available for ratings 600A & above. Contactor / Motorized MCCB type AMF/ATS available for rating less than 600A. Additional manual changeover switches-isolation provides complete isolation of AMF/ATS in case of maintenance & repair.



PLC Panel

The core expertise of the company lies in offering to the customers Programmable Logic Controller (PLC) Panels that are obtainable in different specifications. PLC Panels provided by us are made as per market standards and keeping satisfaction of the customers in view. These panels are obtainable at highly competitive market rates.

Features:

- Sturdy
- Precise dimensions
- Easy to operate
- Effectual functioning
- Ease of installation
- Unsurpassable performance
- Resistance to extreme weather
- Longer service life
- Minimal maintenance



Applications:

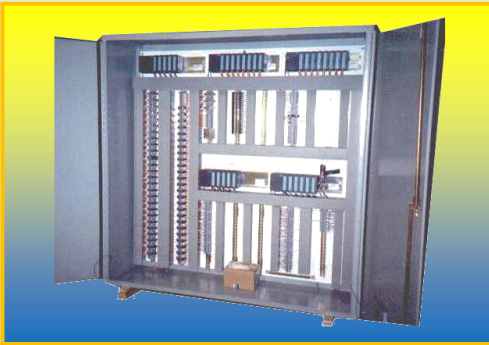
- Automation of electromechanical processes
- Control of machinery on factory assembly lines
- Amusement rides
- Lighting fixtures

Relay Control Panel

We are a name of repute for offering to the customers a huge assortment of **Relay Control Panels**. The company makes use of high quality materials and highly advanced technology in fabrication of the Relay Control Panels. Owing to their flawless quality, clients have been placing orders for Relay Control Panels at regular intervals.

Features:

- Compact design
- Simple operation
- Ease of installation
- High end performance
- Hassle free functioning
- Low maintenance cost
- Long functional life

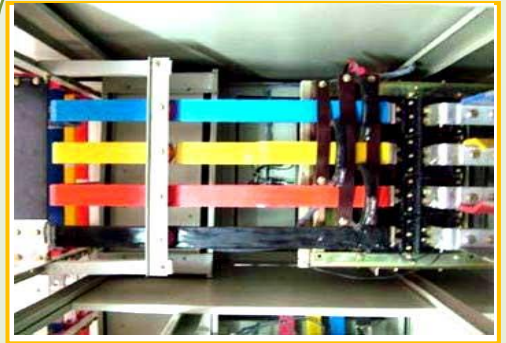


Busbar Risers & Ducts

Offered by us is an extensive range of **Busbar Risers** and **Bus Ducts** that is obtainable with aluminum, stainless steel and CRCA enclosures.

Features:

- Superior grade
- Trouble free functioning
- Consistent performance
- Wear and tear resistant
- Longer service life
- Minimal maintenance



Change Over Panels

The change over panel offered by us is extensively used for changing over from DG set to mains and vice versa. Our change over panels are specially designed and fabricated as per EWA standards. These change over panels are available with a castle lock facility that prevents from accidental change over. Moreover, this change over panels can take up to 415V and are provided with IP54 protection.

Features:

- Shock proof
- Durable
- Sturdy construction
- Can be changed to generator mode automatically
- When EWA supply resumes it goes back to EWA mode.
- Switches off the generator automatically
- Simple to operate and install



Motor Control Center Panel

The MCC panels are conventional to the international standards and are available with fix & draw out. We also provide the numerical / electromechanical relay base MCC panel.

We offer Motor Circuit Control (MCC) panels, which finds wide application in different industries such as paper industry, cement industry, food industry, chemical industry, etc. Some of the salient features of our product are-

- Separate busbar and cable chambers.
- Sufficient space for incoming and outgoing cables.
- Door interlock (with defeat feature) to prevent accidental contact with live terminals.
- Illumination in vertical cable chamber.
- Compartmentalized design eliminates risk to maintenance personal.
- Shrouds on live incoming terminals.



L.V. Panels

We provide superior quality LV Panel which are suitable for high operational voltage and distribution system in various industries. These LV panels are exclusively fabricated from high-grade raw materials, with the help of advanced technology and latest machinery. Our LV panels are available in diverse specifications to fulfill the client's needs, at the market leading prices.

Attributes:

- Non-corrosive
- Simple to use
- Ease to install
- Highly durable.

Lighting Panel

Our indoor lighting panels available with voltmeter and ammeter fault relay optimum power transmission provided with MCCB incomer. Available with voltmeter outgoing MCB Double door canopy IP-54 protection.

Street Light Panel Features:

- **Digital clock based street light control system:** one may set the on time and off time. The switching of street lights shall be repeated every day. Another option may be designed for switching ON / OFF the alternate lights at designated time to save energy without compromising the requirements.
- **Sun rise / Sun set based Street light control system:**
- **Light / Lux based control for switching the street lights:** Light sensor is used for switching the lights. It is very important.
- **Street light control with dimming for energy saving:** The idea behind the control strategy is that during the late night till morning the traffic is low and hence it is possible to reduce the lux levels. The dimming makes the lights uniform throughout the street and saves valuable energy. The saving may range from 20% to 35% depending on the control strategy and choice of lamps fittings.

We offer dimmable ballast based FTL (Fluorescent tube) lights. The ballasts can dim the lights from 100% to 10% of power level. Dimming may be automated with digital timer based controls.

Soft Starter Panel

Our soft starter panels are extensively used to eliminate the high inrush current and start-up torque on every start. The soft starter panel that we offer is made from high-grade raw materials, which are sourced from trusted vendors in the markets. Our soft starter panels are fitted with motor protection device/relay as RS485 communicable with overload, under current ground fault current imbalance over temperature package. The clients can avail these soft starter panels at very reasonable rates.

Features:

- Starts-up torque on every start.
- Increase the life of heavy-duty machines
- Eliminates the high inrush current
- Incorporated with motor protection device.

Uses:

- Slope down whenever heavy dynamic loads are detected.
- Powering AC motors in fixed speed applications.
- Heavy friction.





Power & Motor Control Center Panel (PMCC Panel)

Our range of power cum motor control centre (PMCC) panel is used to distribute the power through the panels. It is then distributed to the different motor loads located at various parts of the factory system. Further, it is transferred from one place through the motor starter fitted in the panel of required rating with full protection. Moreover, the motors can be started from remote positions as well. We also provide the numerical / electromechanical relay base MCC Panel.



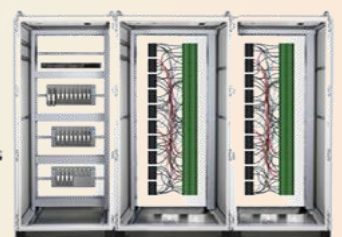
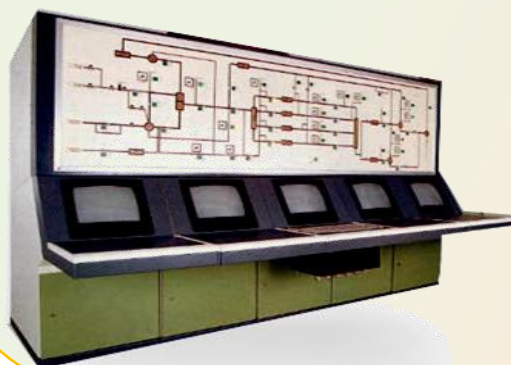
Emergency Power & Motor Control Center Panel

Emergency Power & Motor Control Center (EPMCC) Panel Emergency power cum motor control center (EPMCC) panel is used to distribute the emergency power through the panels. It is used to distribute the emergency power to industrial load with addition features. We also provide the numerical / electromechanical relay base MCC Panel.



Marshalling Panel

Marshalling panels are used for the marshalling of field cables, which finds wide application in industries & transformers. We are widely appreciated for these panels as these are assembled using quality materials.

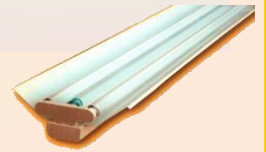
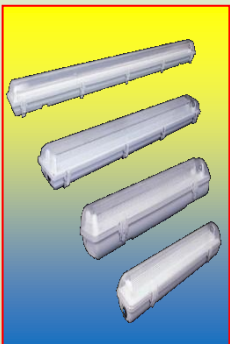
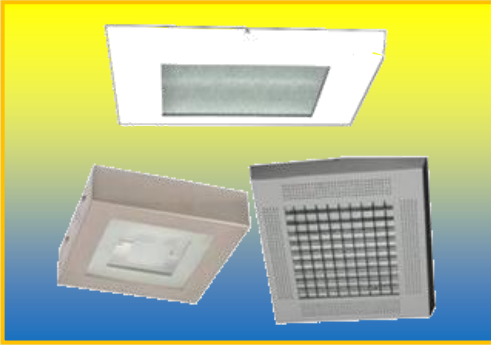


All purpose different type of Light Fittings

Our lighting range includes all you could possibly want for your lighting needs including recessed lighting system, surface lighting system, Down light lighting system, Hospital lighting system and street lighting system. If you prefer, we also give you the option to browse our lighting range by room type.

We also have a great range of outdoor lighting system which includes garden lights, decoration lights and much more. Whether you are looking to highlight your gardens features or improve your home security, we have the right outdoor lighting system for you.

We have travelled extensively to bring you the best lighting products available at great value for money. No matter what your lights, lighting and light fitting requirements are, Jamar Trading Co. W.L.L. is here to help. Please request our product catalogue and select your requirement.



All purpose different type of CFL Lights

We should all be concerned about how we affect the environment around us. Energy saving light bulbs consume less power, which means less pollution and lower bills for us. We stock a huge range of low energy, energy efficient and daylight energy saving light bulbs in various styles. These long life bulbs help to reduce running costs with an extended lamp life of up to 15,000 hours.

A range of **Energy Saving Spiral Light Bulbs** designed to be a direct replacement for existing GLS lamps. At BLT Direct we stock a comprehensive range of energy saving light bulbs that will meet all your lighting needs and offer real value and savings versus halogen and incandescent light bulbs. **Energy Saving Spiral Light Bulbs** are helix shaped lamps that give you an 80% saving in running costs, 70% reduction in heat output and 90% decrease in UV output.

Wattages: 5W, 7W, 9W, 11W, 15W, 20W, 24W, 25W, 30W and 35W.

CFL Facts:

- Use 1/4 the electricity of regular light bulbs to produce the same amount of light.
- Give off 3/4 less heat than incandescent bulbs, which result in additional energy savings on air conditioning during the hot summer months.
- Last up to 10 times longer than regular light bulbs.

How should I clean up a broken fluorescent bulb?

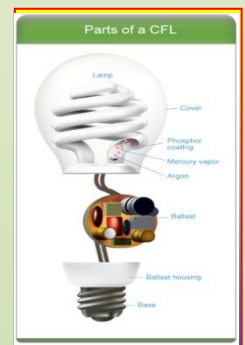
Fluorescent light bulbs contain a small amount of mercury sealed within the glass tubing. When a fluorescent bulb breaks in your home, some of this mercury is released as mercury vapor. To minimize exposure to mercury vapor, EPA recommends that residents follow cleanup and disposal steps.

CLEANUP AND DISPOSAL OVERVIEW:

The most important steps to reduce exposure to mercury vapor from a broken bulb are:

1. Before cleanup
 - a. Have people and pets leave the room.
 - b. Air out the room for 5-10 minutes by opening a window or door to the outdoor environment.
 - c. Shut off the central forced air heating/air conditioning (H&AC) system, if you have one.
 - d. Collect materials needed to clean up broken bulb.
2. During cleanup
 - a. Be thorough in collecting broken glass and visible powder.
 - b. Place cleanup materials in a sealable container.
3. After cleanup
 - a. Promptly place all bulb debris and cleanup materials outdoors in a trash container or protected area until materials can be disposed of properly. Avoid leaving any bulb fragments or cleanup materials indoors.
 - b. For several hours, continue to air out the room where the bulb was broken and leave the H&AC system shut off.

	Table/ Floor Lamps	Pendant Fixtures	Ceiling Fixtures	Ceiling Fans	Wall Sconces	Recessed Cans	Track Lighting	Outdoor Covered	Outdoor Flood
Spiral									
Covered A-shaped									
Globe									
Tube									
Candle									
Indoor Reflector									
Outdoor Reflector									



All purpose different type of LED Light Fittings

We've managed to import stylish, high-quality LED light fittings that exceed expectations. And along the way, we've imported a range of different LED light fittings, including track lighting, wall lights, down lighting and outside lights, that give businesses of every size energy-efficient options for the spaces they use every day. our **LED** lighting provides a smart, economical solution for indoors – and out. Whether you prefer the soft glow of downlights, unique flat lights, and outdoor spotlights or need to retrofit your space, you'll find the perfect LEDs to meet your needs. Like ground lights, downlights, strip lighting, bollard lights, wall lights, flood lights, fiber optics and spike lights to name but a few.

Whether used to spotlight art – or as art – LED light panels offer a creative way to light your space. Plus, because the bulbs come in a range of colours, changing your business's look is as simple as changing a bulb. Discover energy-efficient LED downlights that blend seamlessly into the background. Available in a range of sizes, styles and finishes, our LED downlights collection allows you to light the way – your way. All of our LED products are energy efficient and long lasting. It's easy to install and is stylishly designed. Use the Downlight to make your space brighter, clearer and more distinct.

Hazardless – no UV (ultraviolet) nor IR (infra-red) rays, no mercury content. Even after 10 years of use, almost the same intensity of illumination can be maintained. No flickering for the comfort of your eyes. Up to 70% cost saving with its automatic dimming control by light sensor detection.

※ An optional function. Variable depending on the condition of use.

Enjoy substantially longer life and reduced costs when you use JAMAR LED Downlight. With a lifetime of 11 years* you can install the Downlight and not worry about having to get up on the ladder to change the light bulbs for a LONG time.

*11 year lifespan calculations are based on an average of 12 hours of operation per day.

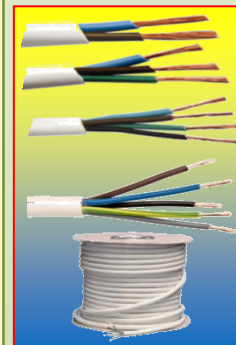
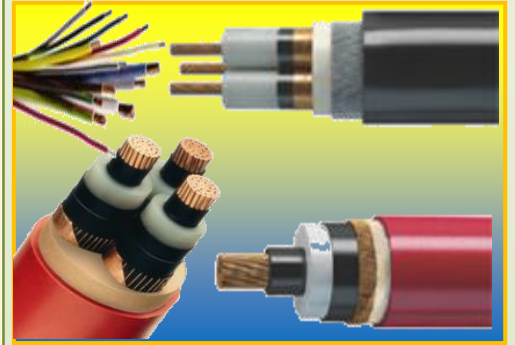
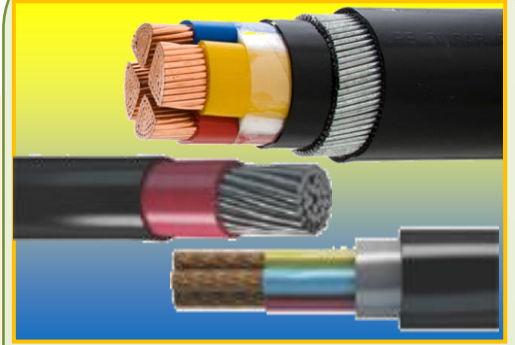
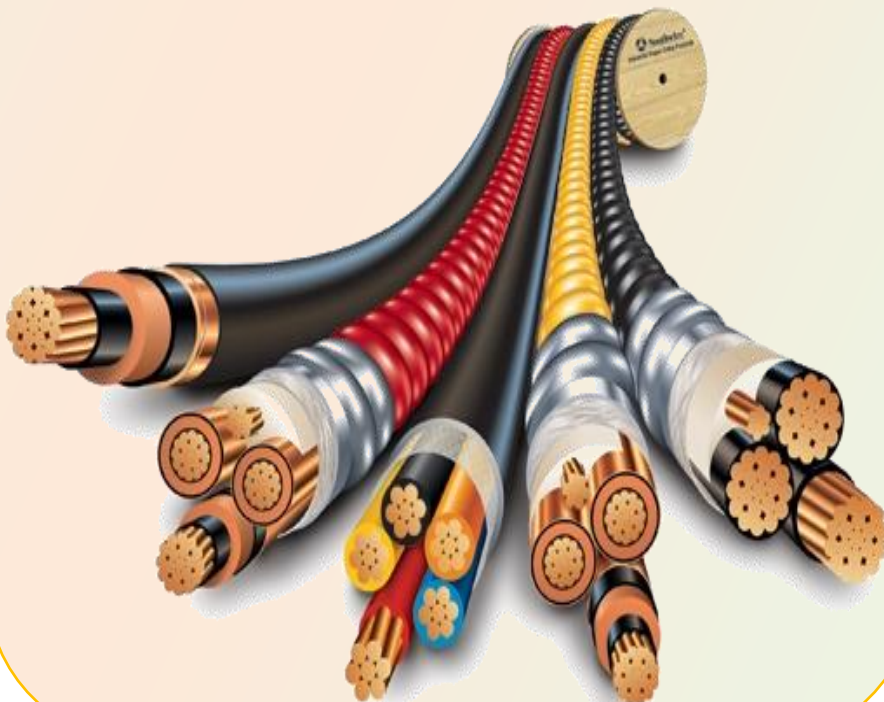
Applications for our LED Light Fittings are many and varied, dependant on the product; theatres, auditorium walkways, cornices, paths, lobby's, decking, ground lights, landscapes, flower beds, swimming pools, architectural, ponds, up lighters, displays, track lights, exhibition stands, illumination of buildings, statues and trees, car parks, stair edging, bars, clubs, signage and modern interiors to give you but a taste of the choices available.



All purpose different type of Cables

Power Cables:

- Low-Voltage power cables
(EWA Bahrain Approved and Pre supplied cable)
 - (PVC, XLPE/SWA/PVC power cables with copper/aluminum conductors (1kV)
 - Building wires & Flexible (Single/Multi-core)
- Medium voltage Power Cables
(EWA Bahrain Approved and Pre supplied cable)
 - (XLPE/SWA/PVC power cables with copper/aluminum conductors (up to 11kV)
- Extra-high voltage power cables
 - (XLPE/SWA/PVC power cables with copper/aluminum conductors (up to 220kV)
 - Special cables
 - Fire resistant (LSHF)
 - Fire alarm cables
 - Control cables
 - Pilot cables



Sub Station Transformers

We are one of the leading companies that supply and distribute a large range of Electrical Transformers viz., Substation Transformers, Power Transformers and Distribution Transformers. Available: Mineral Oil, Silicon filled and Cast resin (Dry type).

Three phase primary unit substation transformers are supplied in accordance to the latest applicable national and international standards. Our offered transformers meet the needs of utility, industrial and commercial customers.



Vacuum Circuit Breakers & VCB Panels

We supply EWA Bahrain pre-qualified **Medium Voltage Vacuum Circuit Breakers (11kV)**.



Ring Main Units (RMU)

We supply 11kV Ring Main Unit (RMU)

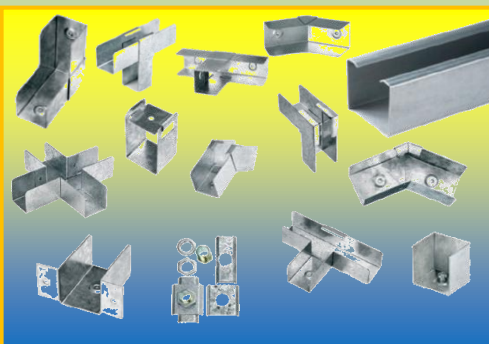
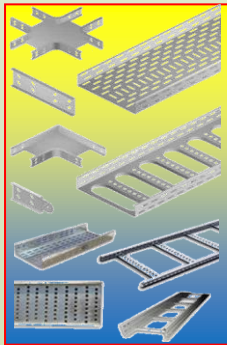
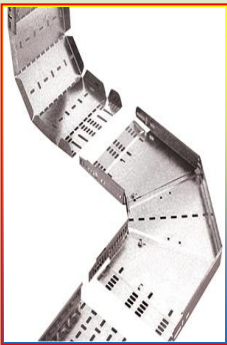
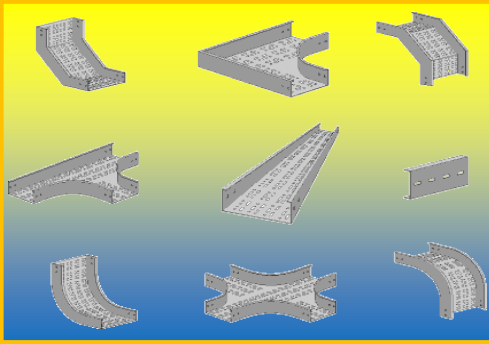
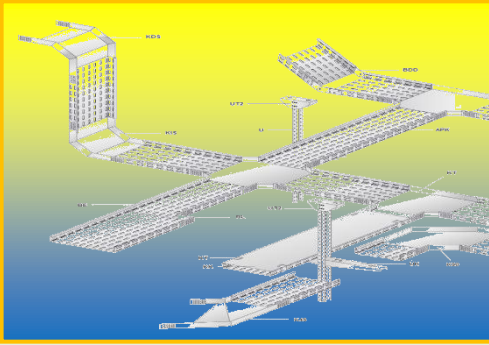


Cable Tray & Trunking

Our GI Trunking GI Cable Tray & GI Ladder & Channels are available in different sizes and thickness and height as per customer requirements.

Products are Hot dipped galvanized as per BSEN 1461:2009 and Pre-galvanized steel as per BSEN 10142 & 10143. It can be power coated as per customer requirements.

- JAMAR lighting Trunking 50mm x 50mm is available in 2 meter lengths.
- The Trunking may be fixed directly to the ceiling or suspended by hanging brackets.
- Lids in 2 meter lengths can be supplied in galvanized.
- Long connectors fixed internally between Trunking lengths provide strength and rigidity throughout the Trunking run.
- Accessories are generally a one piece construction complete with internal fitting connector.



About us

JAMAR is a trading company involved in import, export and sale of electrical items.

We have supplied 11kV cable to EWA Kingdom of Bahrain through public Tender by obtaining pre-qualification to our cable.

We assemble tailer-made type tested specialised (Touch screen) panels for our major valued clientele.

Our production unit has the following products which are our main trading items:

1. Complete range of Light Fittings.
2. DBs (SPN & TPN).
3. ACB Panels.
4. MCCB Panels.
5. Control Panels.
6. Cable Trays & Cable Trunking.

The following are our import products for government and private projects:

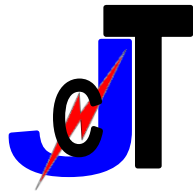
1. Power Cables up to 220kV & LSHF & Fire Alarm Cables
2. Busbar Risers
3. 11kV Panels
4. Feeder Pillars
5. Service Cabinets
6. Transformers (Cast Resin, Oil & Silicon)
7. Package Substations

Contact Us:

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Phone # 33 281 524 / 36 639 283 / 39 239 437

E-mail : jamarbahrain@gmail.com



شركة جمار التجارية ذ.م.م
JAMAR TRADING CO. W.L.L.

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