



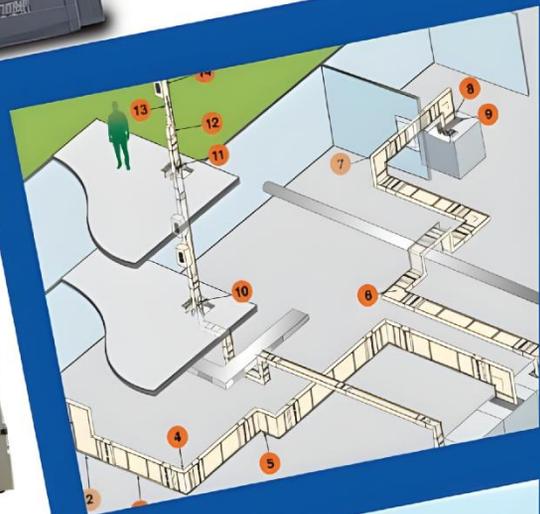
Unique Quality Engineering Ltd.



Unique Engineering Corporation.



Quality Engineering & Controls



We are Business Partner of :



About Us

The **Unique Quality Engineering Ltd & Quality Engineering & Controls** was established in 2012 to trade electric power distribution, control, operation, protection equipment's and also factory automation components & system. We also supplying of worldwide famous brand ABB, Schneider, Fuji and Mitsubishi electric spare parts to our valuable clients. We not only prioritize business we always build business relationship through customer service, needs, problems solving, quality products delivery & satisfaction. Besides we consistently provide after sales service on the customer Requirements. We established factory located at Mazar Road, Paradogair, Demra, Dhaka in 2015 where we manufacturing of LT & HT Switch Gear, PFI Panel, Motor Control Panel, VFD Panel, Main Distribution Board, Sub-Distribution Board, Cable Try & Others. We are following all the rules of BNBC, IEC, Accord Alliance and maintaining international standard level quality in our products.

Our Products & Activities:

- " Power & Distribution Transformer (Oil & Dry Type)
- " High Tension Switch Gear (HT)
- " Low Tension Switch Gear (LT)
- " Power Factor Improvement (PFI)
- " Changeover & Auto Changeover Switch (ATS)
- " Motor Control Panel (MCC)
- " MDB, DB & SDB Pane
- " Inverter/VFD Panel
- " Power & Lighting Bus Bar Trucking System (BBT)
- " Cable Tray, Cable Laying & Cable Ladder
- " Installation, Testing, Commissioning of Sub-Station Equipment & BBT
- " Supply of all kinds of spare parts



Sub Station Equipment's



HT Switchgear: HT (High Tension) switchgear is any switchgear used to connect or disconnect a part of a high-voltage power system. This equipment is essential for the protection and safe operation, without interruption, of a high voltage power system, and is important because it is directly linked to the quality of the electricity supply.



LT Switchgear: The term LT (Low Tension) Switchgear includes low voltage Circuit Breakers, Switches, off load electrical isolators, HRC fuses. Earth Leakage Circuit Breaker, Miniature Circuit Breakers (MCB) and Molded Case Circuit Breakers (MCCB), Air Circuit Breaker (ACB) etc. i.e. all the accessories required to protect the LV system.



Transformer: An oil-immersed transformer, also called Oil filled transformer, is a kind of voltage transformation device utilizing the oil cooling method to reduce the transformer temperature. Unlike the dry type transformer, the body of the Oil-immersed transformer is installed in the welded steel oil tank filled with insulation oil. When an Oil-immersed transformer in operation, the heat of the coil and iron core firstly is transformed into the insulation oil and then to the cooling medium. And according to the capacity sizes, it can be divided into an immersed natural cooling transformer and an immersed forced air cooling transformer.



Transformer: A dry type transformer is a type of transformer which never uses any insulating liquid where its winding or core are immersed in liquid. Rather, the windings and core are kept within a sealed tank that is pressurized with air.

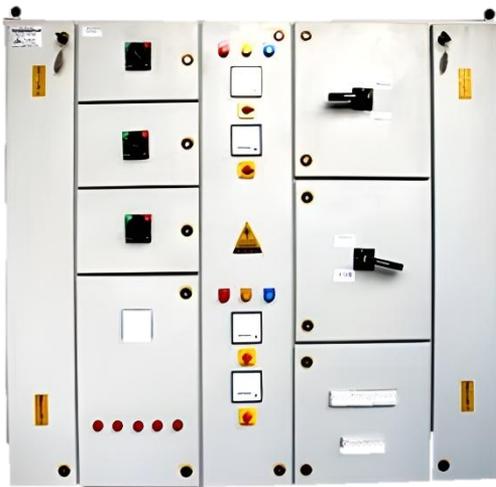
Low Voltage Panel Board



Motor Control Panel: An electric motor control panel uses a combination of drives, relays, switches, and transformers to facilitate the power distribution to electric motors within the industrial facility. These control panels can be used in both low and medium- voltage scenarios.



PFI Plant: PFI (Power Factor Improvement) Plant: Power Factor of the system is degraded due to inductive load of different industries and big apartments. Power-Sonic manufactures PFI (Power Factor Improvement) Plant for improving the degraded Power Factor of the system.



MDB Panel: MDB (Main Distribution Board) is a panel or enclosure that houses the fuses, circuit breakers and ground leakage protection units where the electrical energy, which is used to distribute electrical power to numerous individual circuits or consumer points, is taken in from the transformer or an upstream panel.

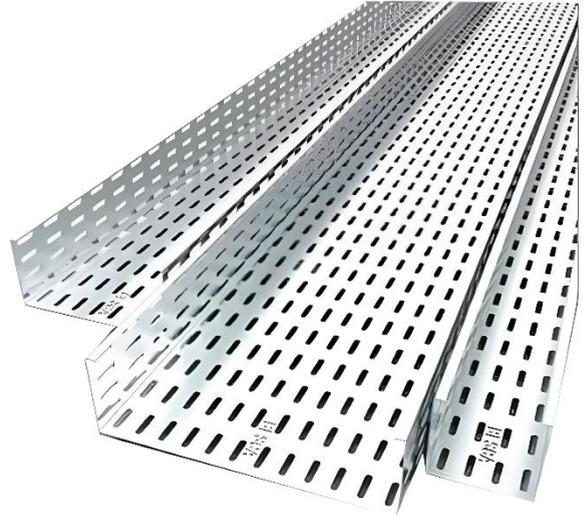


ATS Panel: An ATS (Auto Changeover Switch) panel ensures that you do not have to manually switch to an alternative power supply, such as a backup generator in the event of a power outage. An ATS will automatically switch to another power supply, reducing the risk of data loss, damage to electrical equipment or any disruption to a business or facility.

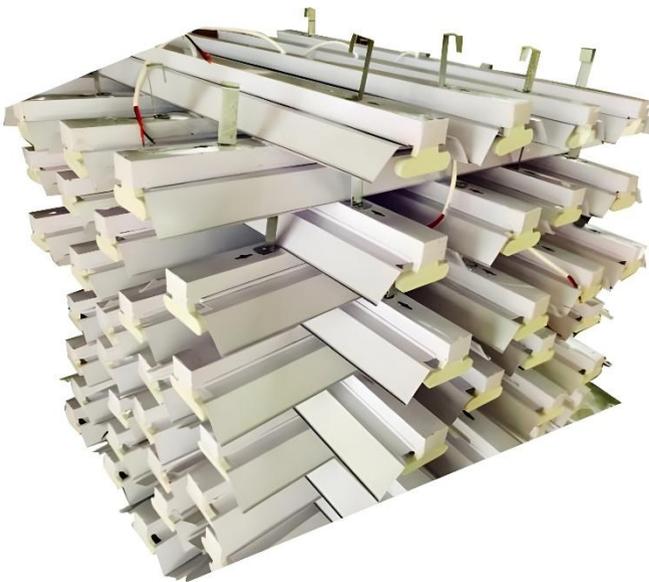
Low Voltage Accessories



Cable Tray, LED Tube Light & Shade



Cable Tray: Cable trays are mechanical support systems that provide a rigid structural system for electrical cables, raceways, and insulated conductors used for electric power distribution, control, signal instrumentation, and communication. Metal cable trays are made of galvanized steel, stainless steel, and aluminum.



LED Tube Light: LED tube is a type of LED lamp used in fluorescent tube luminaires with G5 and G13 bases to replace traditional fluorescent tubes. As compared to fluorescent tubes, the most important advantages of LED tubes are energy efficiency and long service life.

Light Skade: A lampshade is a fixture that covers the light bulb on a lamp to diffuse the light it emits. Lampshades can be made out of a wide variety of materials like paper, glass, fabric or stone. Usually conical or cylindrical in shape, lampshades can be found on floor, desk, tabletop, or suspended lamps.

Our Project View



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