

**MCB SWITCHES**-An MCB is an automatically operated electrical switch. Miniature circuit breakers are intended to prevent damage to an electrical circuit as a result of excess current. They are designed to trip during an overload or short circuit to protect against electrical faults and equipment failure.

**MCB Panel**- MCB stands for Miniature Circuit Breaker. It automatically switches OFF electrical circuit during any abnormal condition in the electrical network such as overload & short circuit conditions. However, fuse may sense these conditions but it has to be replaced though MCB can be reset.

**LCP Panel**- Fifth Light's Lighting Control Panel (LCP) is used to control and operate all lighting devices using Digital and Addressable Lighting Interface (DALI) and low-voltage analog signals. It houses the lighting controller, lighting management software and various types of lighting interface modules.

**RTCC Panel**- RTCC stands for Remote Tap Changer Control. It is used to control the transformer output voltage by controlling the OLTC unit of the transformer.

REMOTE TAP CHANGER CONTROL PANEL RTCC is "Remote Tap Changer Control" which is a Programmable device to control the output of the transformer through OLTC unit fitted in the transformer through control cables

**Enclosures Electrical Panel**- An electrical enclosure is a cabinet or box that protects electrical or electronic equipment and prevents electrical shock. Enclosures are usually made from rigid plastics or such metals as steel, stainless steel, or aluminium.

**LV-MV Electrical Panel**- They control, protect, and isolate electrical equipment and circuits, ensuring their safe and efficient operation. There are three main types of switchgear: low voltage (LV), medium voltage (MV), and high voltage (HV).

**Solar Panel**- A solar panel is a device that converts sunlight into electricity by using photovoltaic (PV) cells. PV cells are made of materials that produce excited electrons when exposed to light. The electrons flow through a circuit and produce direct current (DC) electricity, which can be used to power various devices or be stored in batteries. Solar panels are also known as solar cell panels, solar electric panels, or PV modules.

Solar panels are usually arranged in groups called arrays or systems. A photovoltaic system consists of one or more solar panels, an inverter that converts DC electricity to alternating current (AC) electricity, and sometimes other components such as controllers, meters, and trackers. Most panels are in solar farms, which supply the electricity grid as can some rooftop solar.

**Press Part manufacturing**-Press forming is a manufacturing process that involves shaping sheet metal by applying pressure to them using a press. The process is commonly used to create complex shapes, such as car body panels, aerospace components, and electronic enclosures.