

**Powering Industries
With Best**

ELECTRICAL SOLUTIONS

ABOUT US

Satya Electrical is a trusted manufacturer of electrical panels and GI cable trays, committed to delivering high-quality and durable solutions for industrial and commercial applications. With a focus on precision engineering and performance, we specialize in VFD panels, bus bar chambers, feeder section panels, SFU units, mini section pillars, and cable tray systems designed to ensure safe and efficient power distribution.

OUR MISSION

High-quality electrical panels & GI cable trays for safe, reliable power.

OUR VISION

To be a trusted leader in electrical manufacturing through innovative, durable, high-performance solutions.

WHY CHOOSE US

- ✓ Quality Driven Manufacturing
- ✓ Reliable Electrical Solutions
- ✓ Customized Panel Designs
- ✓ Durable Build Standards
- ✓ On-Time Project Delivery



OUR PRODUCTS

VFD PANEL

A Variable Frequency Drive (VFD) Panel is an advanced electrical control panel used to regulate motor speed by adjusting frequency and voltage. As a trusted VFD Panel supplier, we manufacture panels that significantly reduce energy consumption while improving operational efficiency in industrial applications.

TECHNICAL SPECIFICATION

Voltage	220V - 440V
Frequency	50Hz / 60Hz
Protection	IP54 / IP65
Control	Automatic / Manual



KEY FEATURES

- ✓ Energy Efficient
- ✓ High Efficiency
- ✓ Long Equipment Life
- ✓ Smooth Operation

BUS BAR CHAMBER

A Bus Bar Chamber is an essential electrical enclosure used for distributing power through busbars in a safe and organized manner. As a trusted busbar chamber supplier, we manufacture chambers that provide efficient current flow, reduced energy loss, and enhanced system safety.

TECHNICAL SPECIFICATION

Material	Copper / Aluminium
Voltage Rating	415V / 460V
Protection	IP54 / IP65
Finish	Powder Coated



KEY FEATURES

- ✓ High Conductivity
- ✓ Robust Design
- ✓ Electrical Safety
- ✓ Low Maintenance

FEEDER SECTION PANEL

A Feeder Panel is an essential electrical panel used to distribute power from the main distribution board to various sub-circuits and equipment. As a trusted feeder panel supplier, we manufacture panels that ensure efficient load distribution, safety, and system reliability.

TECHNICAL SPECIFICATION

Voltage	415V - 460V
Current Rating	200AMP - 1600 AMP
Application	Industrial Distribution



KEY FEATURES

- ✓ Efficient Power Distribution
- ✓ Load Management
- ✓ Advanced Protection
- ✓ Durable Design

OUR PRODUCTS

SWITCH FUSE UNIT

A Switch Fuse Unit (SFU) is an electrical device used to control, isolate, and protect electrical circuits by combining a switch and a fuse in a single unit. As a trusted SFU supplier, we manufacture units that ensure reliable operation and maximum safety in industrial and commercial setups.

AVAILABLE MODELS

- ✓ 125 Amp Switch Fuse Unit
- ✓ 200 Amp Switch Fuse Unit
- ✓ 315 Amp Switch Fuse Unit
- ✓ 400 Amp Switch Fuse Unit
- ✓ 630 Amp Switch use Unit



KEY FEATURES

- ✓ Reliable Protection
- ✓ Efficient Load Control
- ✓ Durable Construction
- ✓ Easy Operation

MCCB PANEL

An MCCB Panel is an advanced electrical control panel that uses moulded case circuit breakers to protect electrical circuits from overload, short circuits, and faults. As a trusted MCCB panel supplier, we manufacture panels that ensure safe and reliable power distribution.

TECHNICAL SPECIFICATION

Current Rating	63A - 1600A
Voltage Rating	240V - 690V
Protection	Overload / Short Circuit
Enclosure	IP54 / IP65



KEY FEATURES

- ✓ Overload Protection
- ✓ Heavy Duty Design
- ✓ Short Circuit Safety
- ✓ Low Maintenance

MINI SECTION PILLAR

A Mini Section Pillar (MSP) is a compact electrical enclosure used for housing and protecting circuit breakers, fuses, and other control equipment. As a trusted MSP supplier, we manufacture pillars that ensure safe, efficient, and reliable power distribution.

TECHNICAL SPECIFICATION

Voltage	230V - 440V
Current	100Amp - 400Amp
Protection	IP20 / IP54 / IP65
Material	MS / CRCA / Powder Coated Steel



KEY FEATURES

- ✓ Compact Design
- ✓ Reliable Distribution
- ✓ Durable Build
- ✓ Easy Maintenance

OUR PRODUCTS

ATS PANNEL

An Automatic Transfer Switch (ATS) Panel is used to automatically switch power supply from the main source to a backup generator during power failure. These panels are essential for ensuring continuous power supply in critical environments such as hospitals, industries, and commercial buildings.

TECHNICAL SPECIFICATION

Voltage	220V-440V
Frequency	50Hz
Phase	Single / Three Phase
Automation	Fully Automatic



KEY FEATURES

- ✓ Automatic Switching
- ✓ Safe Operation
- ✓ Reliable Performance
- ✓ Fast Response

ELR PANEL

An Earth Leakage Relay (ELR) Panel is an electrical safety system used to detect leakage current in electrical installations and disconnect the supply when unsafe conditions occur. As a trusted ELR Panel supplier, we design panels that enhance electrical safety and prevent shock hazards.

TECHNICAL SPECIFICATION

Thickness	220V-440V
Frequency	50Hz / 60Hz
Protection	Earth Leakage Protection
Type	Automatic / Manual Reset



KEY FEATURES

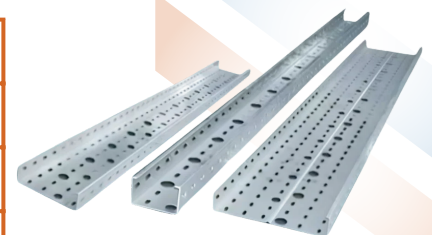
- ✓ Leakage Protection
- ✓ Enhanced Safety
- ✓ Reliable Operation
- ✓ Easy Installation

PERFORATED GI CABLE TRAY

A Perforated GI Cable Tray is a galvanized steel tray with multiple perforations that allow cables to be supported, organized, and ventilated. As a trusted GI cable tray supplier, we manufacture trays that offer strength, corrosion resistance, and easy cable management for industrial and commercial applications.

TECHNICAL SPECIFICATION

Thickness	1.6 mm-3.0 mm
Wall Height	20 mm-100 mm
Length	2500 mm
Width	50 mm-900 mm
Perforation	10 mm x 20 mm



KEY FEATURES

- ✓ Ventilated Design
- ✓ Durable Construction
- ✓ Corrosion Resistant
- ✓ Easy Installation

OUR PRODUCTS

LADDER TRAY

A Ladder Tray is a type of cable management system made with longitudinal side rails connected with rungs, forming a ladder-like structure. As a trusted ladder tray supplier, we manufacture trays that provide strong support, proper ventilation, and organized cable routing for industrial and commercial applications.

TECHNICAL SPECIFICATION

Thickness	1.6 mm - 3.0 mm
Wall Height	50mm - 100 mm
Flange	15mm - 30mm
Length	2500 mm
Width	50 mm x 1200 mm



KEY FEATURES

- ✓ Robust Construction
- ✓ Open Design
- ✓ Corrosion Resistant
- ✓ Easy Installation

ELECTRIC POLES

Electric Poles are structural supports used for overhead power lines and electrical distribution networks. These poles are designed to safely carry electrical conductors at required heights while ensuring stability and safety.

TECHNICAL SPECIFICATION

Material	Mild Steel / Galvanized Steel
Height	6m - 15m
Finish	GI / Hot Dip Galvanized
Application	Power Distribution Lines



KEY FEATURES

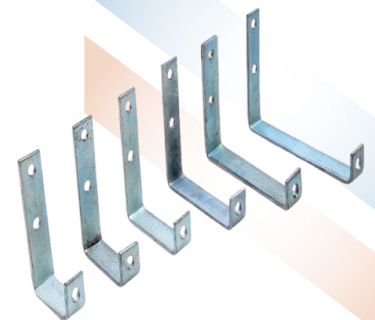
- ✓ High Strength
- ✓ Corrosion Resistant
- ✓ Low Maintenance
- ✓ Industrial Grade

GI L CLAMP

A GI L Clamp is a heavy-duty fastening component used for supporting and securing pipes, cable trays, and structural systems. These clamps are manufactured using high-quality galvanized iron to ensure strength and corrosion resistance.

TECHNICAL SPECIFICATION

Clamp Type	L Clamp
Leg Length	50 × 50 mm
Thickness	5 mm
Length	2 Inch, 3 Inch, 4 Inch
Clamping Diameter	75 mm (3 Inch)



KEY FEATURES

- ✓ High Strength
- ✓ Corrosion Resistant
- ✓ Precision Design
- ✓ Easy Installation

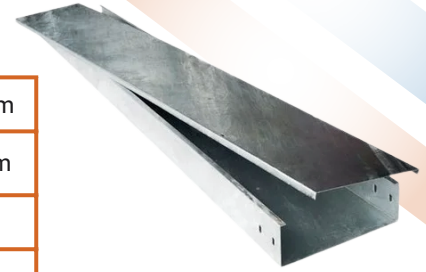
OUR PRODUCTS

RACEWAY CABLE TRAYS

Raceway Cable Trays are an affordable and efficient solution for routing networking and power cables in IT companies and commercial environments. They are designed for durability, flexibility, and easy installation across various applications.

TECHNICAL SPECIFICATION

Thickness Bottom	1.6 mm - 2.5 mm
Thickness Top	1.2mm - 2.0 mm
Flange	10 mm
Height	2500 mm
Width	50 mm - 300 mm



KEY FEATURES

- ✓ Robust Construction
- ✓ Open Design
- ✓ Corrosion Resistant
- ✓ Easy Installation

C CHANNEL

C Channel Raceway Cable Trays are an affordable and efficient solution for routing electrical, networking, and power cables in IT companies and commercial environments. They are designed for strength, flexibility, and easy installation across various applications.

TECHNICAL SPECIFICATION

Material	G.I. / MS / SS
Type	C Channel
Use	Cable Tray Support



KEY FEATURES

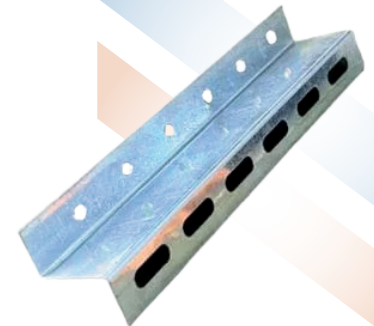
- ✓ Robust Construction
- ✓ Efficient Cable Management
- ✓ Low Maintenance
- ✓ Easy Installation

G.I. Z CHANNEL

G.I. Z Channel Cable Trays are an affordable and efficient solution for supporting and routing electrical, networking, and power cables in industrial and commercial environments. They are designed for high strength, stability, and easy installation across various applications.

TECHNICAL SPECIFICATION

Type	G.I. Z Channel
Material	Galvanized Iron
Use	Structural Support



KEY FEATURES

- ✓ Galvanized construction
- ✓ Corrosion Resistant
- ✓ Easy installation
- ✓ High load capacity

CABLE TRAY & SUPPORT SYSTEM



G.I. Slotted C Channel



Anchor Bullet Fastener



Nut Bolt Washer



Hanging Thread Rod

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