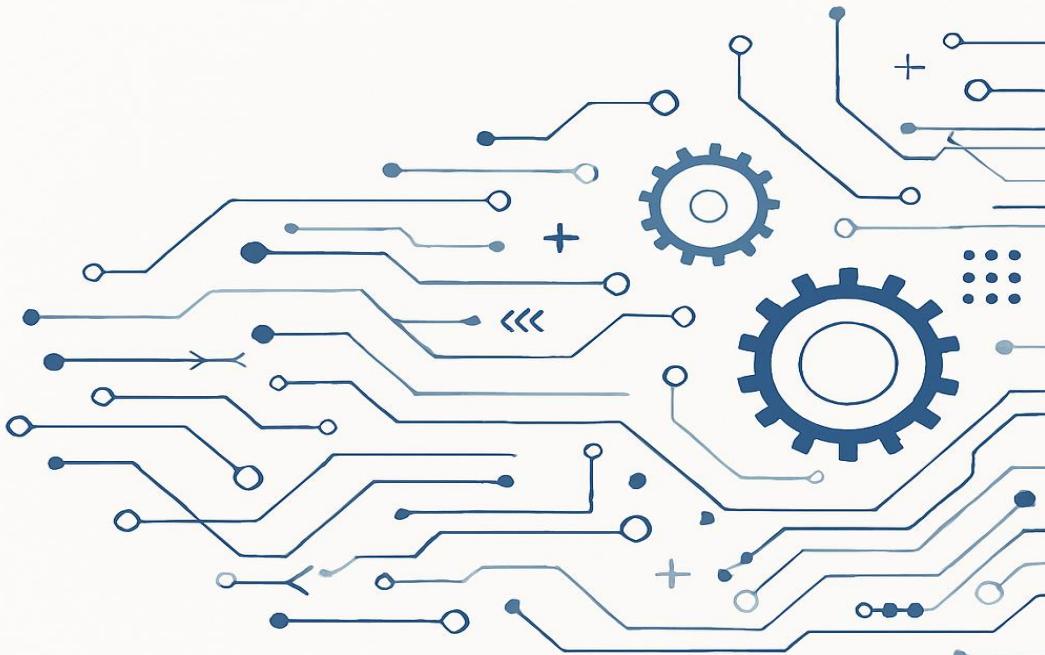


A V Tech Product Catalogue

A V TECH CATALOG



We collaborate with a wide range of trusted brands to offer the best components and systems, including

SIEMENS | Allen Bradley | Schneider | GE | Mitsubishi | Omron
| Delta | ABB | Fuji | Fatek | Panasonic | Danfoss | Yaskawa | L&T
| Selec | Autonics | Vertex

Introduction

A V Tech is a trusted name in the design, manufacture, testing, supply, installation and commissioning of electrical panels and power distribution solutions. We specialise in power distribution boards, Motor Control Centres (MCC), Automatic Power Factor Control (APFC) panels, and PLC/VFD/servo/motion controller panels. Every product we offer is built from high-quality raw materials, components and spare parts sourced from reliable vendors, ensuring durability and long life.

Product Range

Our portfolio includes a wide range of equipment tailored to industrial and commercial applications. We offer:

1. Power Control Panel
2. Motor Control Centre (MCC) Panel
3. APFC Panel
4. Automatic Mains Failure (AMF) Panel
5. LT Power Distribution Board
6. Feeder Pillar (LT)
7. Bus Bar Chamber Box
8. Distribution Box

The sections that follow provide an overview of each product along with their key features and applications.

Motor Control Centre (MCC) Panels



Our MCC panels are engineered for efficient and reliable power distribution in industrial settings. Manufactured in both standard and customised configurations, they feature:

- Simple operation: user-friendly controls and clear labelling make operation intuitive.
- Low maintenance: the rugged design minimises downtime and reduces the need for regular servicing.
- Versatility: suitable for a range of industries including refineries, chemical and pharmaceutical plants, and other process industries.
- Durability: built to withstand extreme temperature variations while delivering long-lasting performance.

Power Control Centre (PCC) Panels



PCC panels form the heart of many industrial power systems. Our PCC panels are widely used across India in power distribution processes. They are designed to meet the demands of industries such as refineries, chemical plants, automotive plants and engineering facilities. Key benefits include:

- Long working life: constructed to provide effective performance with minimal maintenance.
- Standard and customized options: available in standard layouts or tailored to your specific requirements.

Programmable Logic Controller (PLC) Panels



We supply a comprehensive range of PLC panels designed for industrial automation. Each panel is built using quality materials and the latest technology. Our PLC panels are available in various specifications to suit the electrical, electronic and automobile industries. The programmable logic controllers integrated into these panels are ideal for process automation and can be used either as part of a larger networked system or for dedicated control projects. Offered at cost-effective prices, these panels are carefully designed for reliability and long-term performance.

Variable Frequency Drive (VFD) Panels



Our AC drive panels act as speed controllers for AC induction motors. Precision engineered to regulate motor speed by adjusting supply frequency, these panels offer:

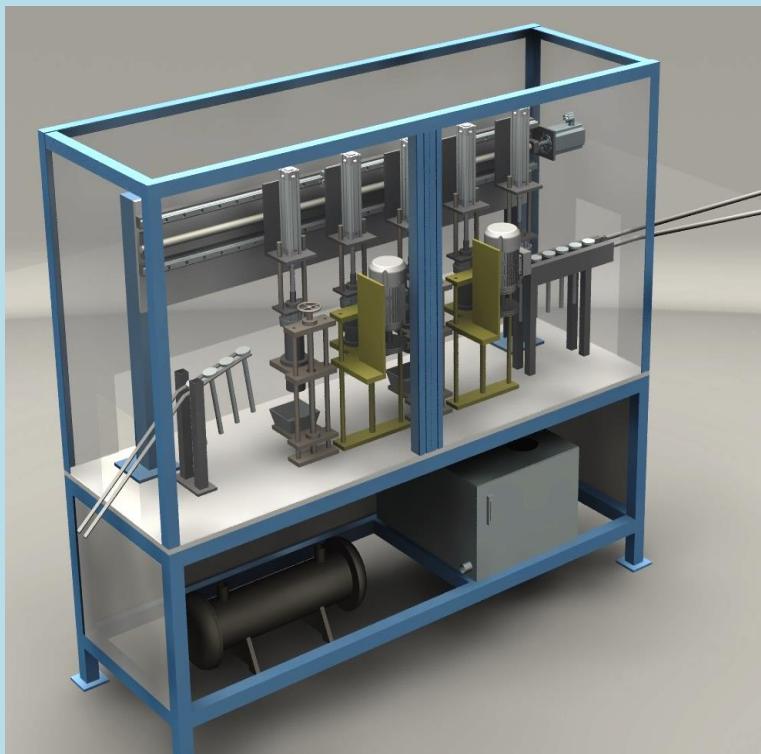
- Flexible control: users can easily modify both frequency and voltage to achieve smooth performance and maintain the desired power factor.
- Wide applicability: suitable for both domestic and commercial applications.

Automatic Mains Failure (AMF) Panels



AMF panels provide automated switching between main power supplies and standby generators. During a mains power failure, the AMF panel transfers the load to the emergency generator, reducing the risk of data loss and equipment damage. When mains power is restored, the panel automatically switches back and safely shuts down the generator after a suitable cooling run. Key components include battery chargers, electronic circuit boards, power relays and terminal blocks. These panels are also referred to as Automatic Transfer Switches (ATS).

Special Purpose Machines (SPM)



Our customized servo-based Special Purpose Machines are designed to maximise productivity and minimise human error. They are capable of operating continuously under supervision, allowing you to improve production volume without sacrificing quality. Applications include machine handling, pick-and-place operations and packaging. We collaborate with leading servo brands such as Omron, Siemens, Mitsubishi and Allen Bradley, ensuring optimum performance and reliability.

Partner Brands

We collaborate with a wide range of trusted brands to offer the best components and systems, including

**SIEMENS | Allen Bradley | Schneider | GE | Mitsubishi | Omron
| Delta | ABB | Fuji | Fatek | Panasonic | Danfoss | Yaskawa | L&T
| Selec | Autonics | Vertex**

Conclusion

At A V Tech, we pride ourselves on delivering high-quality electrical solutions that meet the demanding needs of modern industry. Our diverse product range, commitment to quality and partnerships with leading brands ensure that our customers receive reliable, efficient and durable systems for their power distribution and automation needs.