



Elevate Your  
Power Management  
And Control Systems  
With **AE ZION**

**AE** | **ZION**

When it comes to combining precision with top-tier performance, AE Zion stands out as our premier Low Voltage Panel, reflecting a legacy of unparalleled engineering prowess. Every element, every component, and every design detail resonate with our commitment to technical perfection.

Our adherence to the globally recognized IEC 61439 standards isn't just a testament to our compliance but is a guarantee of reliability and safety. Designed to cater to a multifaceted spectrum of power management and automation requirements, this control panel assures adaptability without compromising on efficiency.

Whether you're aiming to optimize power distribution, streamline automation processes, or elevate operational performance, AE Zion emerges as the definitive choice for those who seek nothing but the best in their electrical infrastructure.

- Rest assured with a product that meets international safety and performance standards.
- Flaunts the flexibility to communicate seamlessly across all major protocols.
- Its modular and standardized design makes it adaptable and scalable to suit diverse operational needs.

#### **IEC 61439 Certified**

Gain confidence with a product that aligns with global benchmarks for safety and performance.

#### **Short Circuit Resilience**

With a short circuit rating of 65 kA and 100 kA, be confident in the panel's capability to withstand electrical surges.

#### **Forms of Design**

Choose from 2B, 3B, or 4B designs to meet the unique needs of your setup.

#### **High Current Rating**

Standard offering of 4000 A, with options available for 5000 A and 6300 A upon request.

#### **Internal Arc Protection**

Designed to meet IEC 61641, it can handle 65 kA for 0.3 seconds ensuring optimal safety.

#### **Degree of Protection**

Multiple IP ratings including IP 31, IP 42, IP 54, and IP 55, allowing for diverse environmental placements.

## **Salient Features**

- Fully-integrated bolted framework.
- Optimized for effortless manipulation, transit, and upkeep.
- Modular design permits lateral expansions, ensuring adaptability for future requirements.
- Options for Single front and double front design.
- Multi-tier, compartmentalized Circuit Breaker Panel.
- Efficient load distribution via ACBs (Air Circuit Breakers) and MCCBs (Molded Case Circuit Breakers). Provisions in place for supply intake through either Power Cables or Bus Duct systems.
- Door hinge flexibility on both sides, facilitating adaptable panel configurations based on site-specific conditions.
- Standardized dimensions ready for immediate procurement, thereby reducing lead times and inventory – related expenses