



# Industrial Control Panel

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## Industrial Control Panels

### Description

- ECTRICOL's electrical distribution panels are designed to accommodate equipment for protection, control and supervision of low voltage power distribution.

### Applications

- Critical for the safe and effective operation of various industrial and commercial equipment, these panels monitor and regulate key processes.

They manage everything from motor and lighting control to temperature and process control.

### General Features

- Flexible design adaptable to the specific needs of the project.
- Easy installation and connection of services on-site.
- Manufactured under the UL508A Standard for Industrial Control Panel.
- Industrial control panels are designed for installation in environments with temperatures ranging from 5°C to 40°C.

## Technical Features:

### Nominal Voltage

- ECTRICOL Industrial Control Panels are designed to handle nominal voltages up to 1000V, making them suitable for a wide range of applications.

### Nominal Current

- With a nominal capacity according to customer specifications, industrial control panels can manage large and complex electrical loads while ensuring proper protection coordination.

### Short-Circuit Current

- Certified with a short-circuit capacity according to customer specifications.

### Protection Rating

- With a high IK10 protection rating, the panels ensure resistance against mechanical impacts and vandalism, making them ideal for demanding environments.

### NEMA Protection Rating

- The maximum protection level is NEMA Type 1, and its installation is suitable for indoor environments and ordinary locations or non-classified areas according to NFPA 70.





## Advantages

- Customizable design that adapts to the specific needs of the project.
- Simple installation and connection, reducing assembly times and minimizing associated costs.
- High safety and protection for both the electrical installation and operating personnel, thanks to its robust design.
- Compliance with recognized international standards, ensuring product quality and reliability.
- Manufactured with galvanized or stainless steel sheet metal enclosures, these panels offer durability and superior corrosion resistance.

## Manufacturing

- Built with high-quality materials using state-of-the-art technologies, industrial panels are produced under certified processes that guarantee quality control at all stages of the assembly line.
- Each panel is assembled by highly qualified personnel, ensuring a reliable end product.







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