

**Protective Relay Panels**

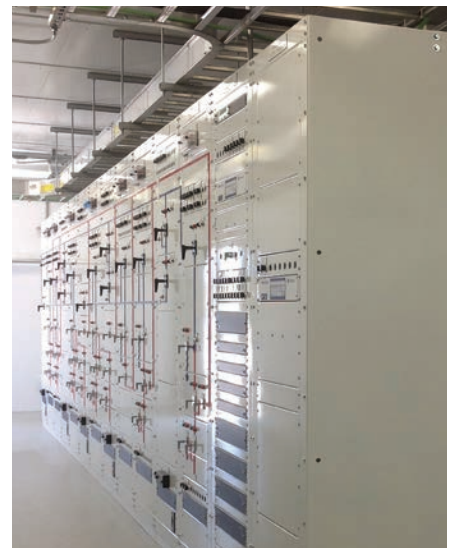
**Customization is our standard.**



## Protective Relay Panels

# The powerful combination of expertise and collaboration

*At AZZ, we utilize your knowledge of your operations and our extensive expertise to engineer customized protective relay panels for optimum performance with your systems and construct them with unmatched precision, efficiency and quality assurance.*





## Comprehensive Capabilities

With AZZ, you have the confidence of knowing that every aspect of the design and production of your protective relay panels is handled by our in-house team of experts – from engineering and metal work to wiring and inspection. Our comprehensive capabilities provide consistent quality assurance and create efficiencies resulting in cost savings and faster turn-around.

## Collaborative Engineering

Our engineers design panels to your specifications, adapting your standards to our production processes to achieve maximum efficiencies. Our expertise extends to ongoing consultation through implementation to optimize performance. *Customization is our standard*, and quality assurance is our commitment to you.

## Advanced Manufacturing Capabilities and Flexibility

With advanced manufacturing technology and automation of processes from fabrication to panel assembly, AZZ's extensive production capabilities provide:

- Maximum flexibility for customization and the utilization of virtually any material
- Production speed, resulting in shorter lead times and faster project delivery
- Quick and efficient replication of custom builds
- The ability to integrate relay panels into a control building

## Committed to Quality Assurance

AZZ's commitment to quality assurance flows throughout our operations. Every panel is inspected and tested by our quality assurance team during and after the manufacturing process, providing a level of confidence that can only be achieved with the continuous oversight of our dedicated experts from design to completion.

## Panel Design Options and Standard Features:

AZZ can provide standard panel designs to meet any configuration needs. Some of our standard features include:

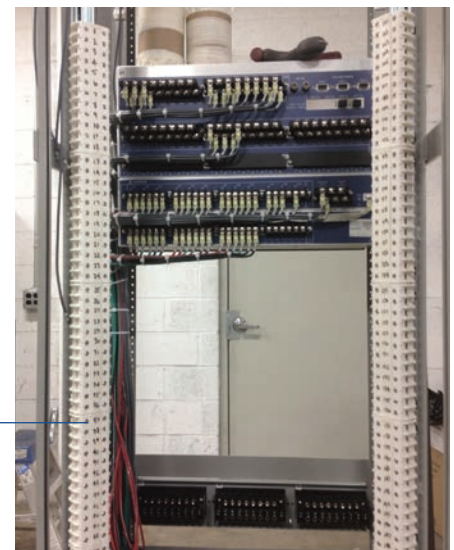
- 11-gauge solid front panel
- 16-gauge wing panel
- Quad coat lacquer system
- SIS type wiring
- Ring-tongue terminal lugs
- Copper bus grounding bar
- Terminal blocks
  - GE type EB25
  - States
  - Marathon
  - As required by customer specifications
- 45° angled terminal blocks on back of panel for ease of maintenance

## ADDITIONAL FEATURES OF SIMPLEX PANEL DESIGNS

- 90" high usable front
- Grommet holes for ease of wiring
- Vertical wireway
- Typical dimensions:
  - 24" to 48" width
  - 12" to 20" depth
  - 90" height from channel
- Options
  - Rear-mounted horizontal wireway
  - 19" rack mount adapter plate
  - Rear-mounted swing-out panel
  - C-channel support structure

## ADDITIONAL FEATURES OF DUPLEX AND TRIPLEX PANEL DESIGNS

- 11-gauge removable top plates and end trim
- Flush-mounted door; 3-point latch
- C-channel support structure
- 3 rows of grommet holes for ease of wiring
- 3" x 10" longitudinal wireway
- 4" x 4" lateral wireway
- Nameplates for each device





**PROTECTIVE RELAY PANELS**

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