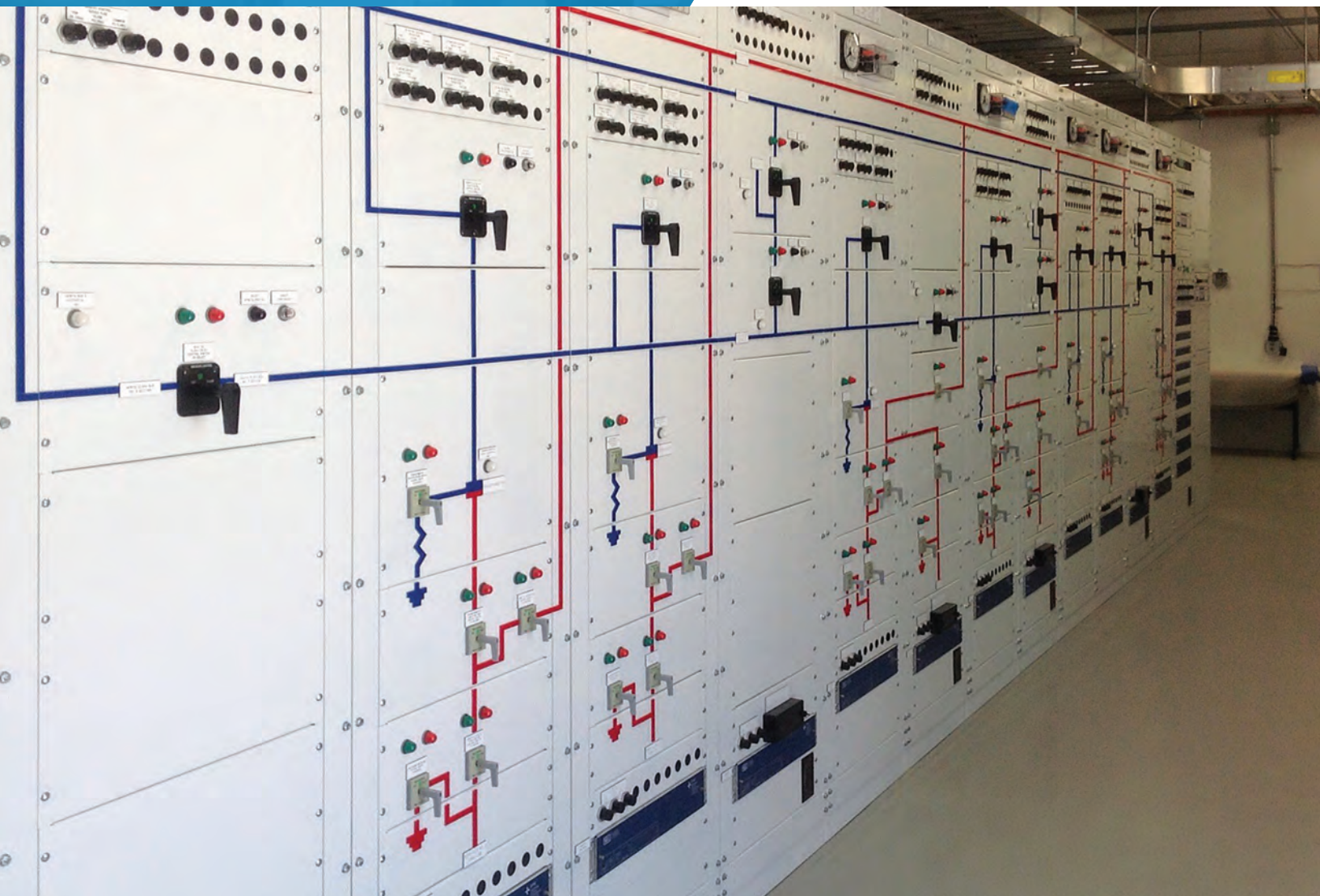


Protection and Control Panels

Customization with quality assurance is our standard



The powerful combination of expertise and collaboration

At Avail, we utilize your operational insights and our extensive expertise to engineer custom relay panels for optimum system performance. Our precise construction ensures unparalleled efficiency and quality assurance.

Comprehensive capabilities

With Avail, 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, Avail'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
- Full functional testing to ensure optimal performance and reliability



Committed to quality assurance

Avail's commitment to quality assurance flows throughout our operations. Our UL 508a Panel Shop ensures that 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

Avail offers standard panel designs and custom solutions to meet configuration needs across various industries. Some of our key features include:

- 11-gauge solid front panel
- 16-gauge wing panel
- Quad coat lacquer system
- Powder-coating
- SIS/MTW type wiring
- Compression type terminal lugs
- Copper bus grounding bar
- 45° angled terminal blocks on back of panel for ease of maintenance
- Fully functional testing, including loading relay settings upon request



Additional Standard Features of Simplex Panel Designs

Simplex Panel Designs offer standard features, ensuring comprehensive solutions. We also provide customization to align with your unique needs.

- 90" high usable front
- Grommet holes for ease of wiring
- Vertical wireway
- Typical standard dimensions
 - 24" to 48" width
 - 12" to 32" depth
 - 90" height from channel
- Options
 - Rear-mounted horizontal wireway
 - 19" rack mount adapter plate
 - Rear-mounted swing-out panel
 - C-channel support structure
 - Our panel shop offers full customization, designing to customer specifications



45° angled terminal blocks for ease of maintenance



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

Discover Avail's versatile industrial expertise

Avail's industrial capabilities range from precision control systems for amusement park rides, FAA, and assembly lines to wastewater management, including a project for the Washington Suburban Sanitary Commission (WSSC). Experience the synergy of expertise and collaboration backed by extensive production capabilities with maximum flexibility.



availinfra.com/enclosure-systems

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