

Custom Switchcracks:

Built to Comply with ATEX/IEC Standards and Certifications

From Design to Installation, Manufactured Switchcracks to Your Specifications

Designed for safety and performance and built to customer specifications. Every switchrack offers an innovative, unique solution to the challenges of complex motor control localization. Both important European directives concerning electrical equipment for potentially explosive atmospheres.

We have developed our capabilities with attention to the customer's key concerns:

- Custom Design
- Quality Components
- Turnkey Fabrication
- Guaranteed Satisfaction

Customer Design

- The demands of your application are unique. Your switchrack should be too. That's why our engineers use your specifications and engineering drawings as well as all applicable codes and standards to design your custom switchrack solution. It's the only way to guarantee the switchrack will meet your needs today... and tomorrow.
- Through experience, we have learned the value of staying on the cutting edge of design technology. The company's AutoCad workstations allow design files to be shared with your in-house engineers for quick revisions. This saves time and money and it means your switchrack will be up and running faster.

Quality Components

- Appleton/ATX stocks one of the most extensive lines of adverse environment enclosures and accessories in the electrical industry to ensure prompt turnaround of every switchrack order.
- Rigid quality standards mean our components stand up to the harshest applications. Only the highest grade steel and aluminum is used in construction. Testing prior to installation guarantees the quality you expect.

Turnkey Fabrication

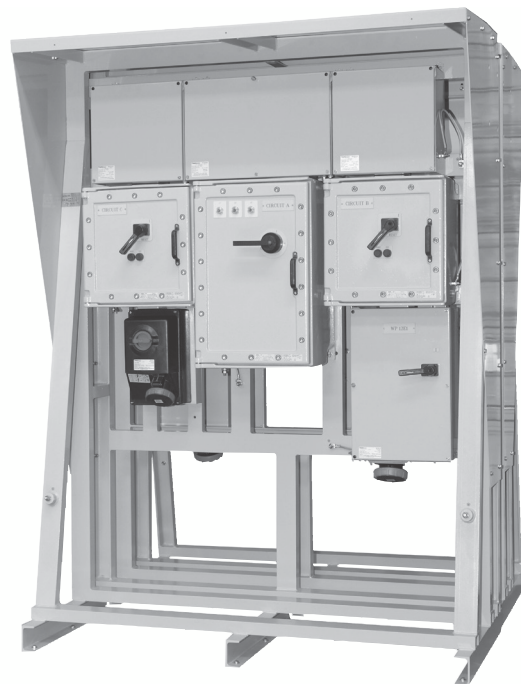
- Every switchrack is engineered, fabricated and assembled in-house by qualified technicians. This single-source approach allows us complete control over the manufacturing process.
- Following a series of rugged performance examinations, each switchrack is shipped via Exclusive Use Carrier for immediate field installation.

Guaranteed Satisfaction

- Appleton's involvement doesn't end with the purchase order. The company backs its switchcracks with an exclusive factory warranty. Should any Appleton/ATX component fail due to mechanical or electrical defect, we will replace the part for up to one year following installation, or 18 months after shipment.

Application

- Appleton/ATX switchcracks provide complete motor control assemblies in one integrated package. Choose the necessary components to fit the rating, electrical switching and controlling requirements.
- Appleton/ATX switchcracks are available for Zones 1 and 2, 21 and 22 gas and dust environments. Built for indoor and/or outdoor locations.
- Determine hazardous areas
- Defining Zone boundaries - volumes
 - If necessary, delimiting Zones
- Know the characteristics of flammable substances present on the site
- Defining the temperature class and the explosion group of the equipment



- Choose equipment depending on :
 - the temperature class and the explosion group,
 - environmental constraints specific to the site - corrosion, exposure to UV, mechanical strength,
 - protection indexes

Features

- Single source responsibility, including engineering, designing, wiring and testing of all components.
- Fabricated and wired to custom specifications.
- Only job site requirements are connection of incoming power to the main bus and load side connections.

Optional Components

- Circuit breakers
- Motor starters
- Contactors
- Junction boxes
- Control stations
- Meter/instrument enclosures
- Ground detection
- Panelboards
- Receptacles
- Photo cells
- Light fixtures
- Transformers

Standard Finishes

- Structure: steel-painted, steel-galvanized or aluminum.
- Bus duct/conduit: steel-painted, galvanized aluminum or stainless steel.
- Canopy/roof: steel-galvanized or aluminum.