

MANUFACTURING THE FUTURE

Of Railway Industry

With Crouzet components: electromechanical switches, inductive position sensors, force sensors, motors, automation and control, pneumatic systems.

WWW.CROUZET.COM

 **CROUZET**

ABOUT CROUZET

100 YEARS MANUFACTURING THE FUTURE *Together*

Crouzet is an independent company **manufacturing mechatronic components for demanding applications in Aerospace & Transportation, Energy, Building & Machinery Industry.**

Crouzet provides **Switches & Sensors, Electromechanical Actuators, Electrical Control & Protection Equipment, Flight Control Equipment, Automation Controllers & Relays, and Instrumentation Services.**

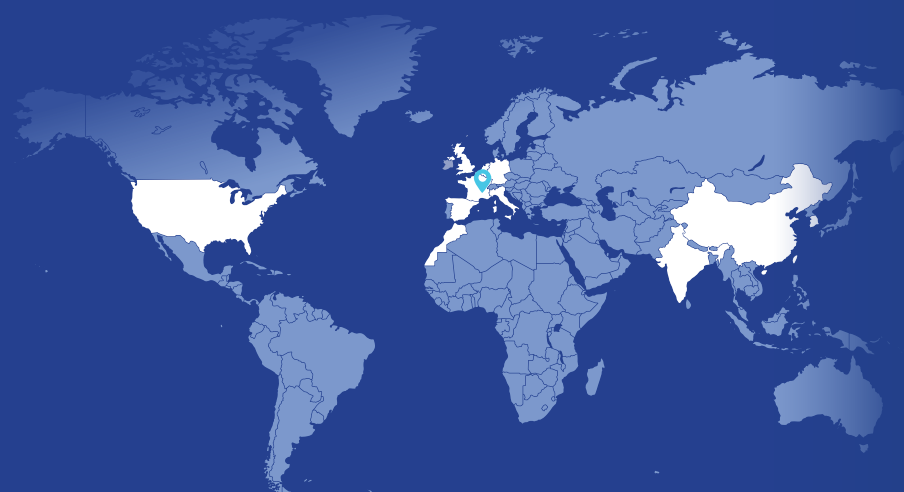
Since 1921, Crouzet has a heritage of close collaboration with customers in the development of products, from standard components to fully customized solutions.

Crouzet's customers and partners can rely on our teams worldwide to always meet and often exceed their expectations. Driven by innovation, our experts are focused on designing and delivering the right product for the right application.

Crouzet is your trusted partner of choice to face the industrial challenges of today and tomorrow.

WORLDWIDE PRESENCE

10 Manufacturing Plants
& 6 R&D Labs



📍 HEADQUARTERS ■ SALES OFFICES



VALENCE, FRANCE



PONT-DE-L'ISÈRE, FRANCE



PARIS, FRANCE



NANTES, FRANCE



ORLEANS, FRANCE



VOUVRY, SWITZERLAND



CASABLANCA 1, MOROCCO



CASABLANCA 2, MOROCCO



HUIZHOU, CHINA



BANGALORE, INDIA

CROUZET In the Railway Industry

60+ Years' Experience

As a reliable manufacturer of safety critical components for various Rolling Stock and Infrastructure applications

› COMPLIANT WITH RAILWAY STANDARDS
→ HARSH ENVIRONMENTS RESISTANCE


FIRE & SMOKE
EN 45545


SHOCKS & VIBRATION
IEC 61373


INSULATION COORDINATION
EN 50124-1

› LONG-TERM RELATIONSHIPS
→ WITH RENEWED INDUSTRY PLAYERS

SUB-TIER MANUFACTURERS

 **KNORR-BREMSE**  **Sécheron**  **KANGNI**

TRAIN MANUFACTURERS

 **CRRC**  **ALSTOM**  **SIEMENS**

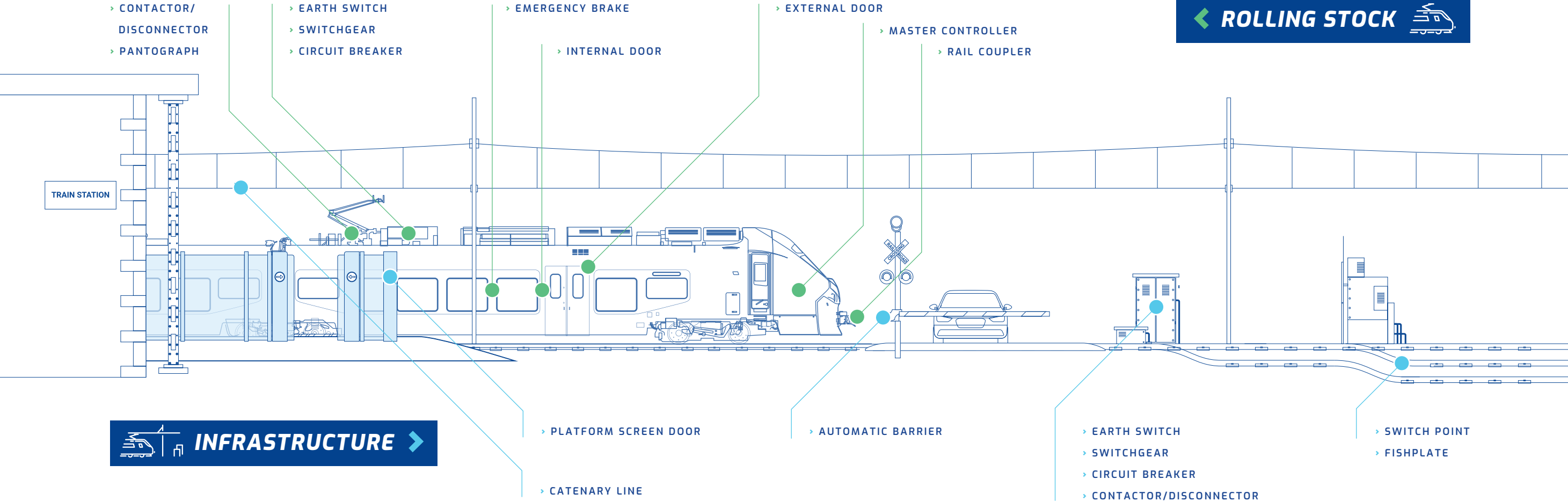
RAIL OPERATORS

 **SNCF**  **DB**  **RATP**

› PROUD MEMBERS OF
→ RAILWAY ASSOCIATIONS

 **RAILWAY SUPPLY INSTITUTE**  **FIF** French Railway Industry

APPLICATIONS



DEDICATED PRODUCTS



SENSORS

- › Microswitches
- › Force Sensors
- › Limit Switches
- › Pneumatic Sensors
- › Inductive Sensors



MOTORS

- › DCMind Brush and Brushless motors



AUTOMATION

- › Controllers
- › Timers
- › Counters
- › Solid State Relays

CUSTOMIZATION & ADAPTATION

Design, engineering and production experts at your service

Our DesignLAB team provides innovative customization solutions for your most specific applications. Specialized on high volume production, long-term partnerships and railway-ready qualifications.

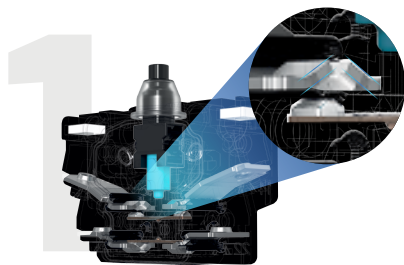
Get in touch with our

DESIGN LAB

at www.crouzet.com/contact-us/

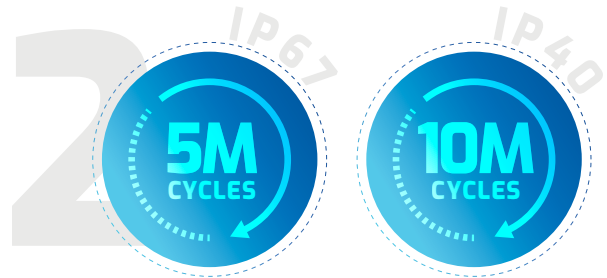
FEATURED PRODUCT: **PBX RAILWAY**

RELIABILITY



Self-cleaning contacts

It's new double «V-shaped» contacts, wipe themselves to eliminate any pollution.



Long-lasting durability

The sealed IP67 version is qualified to last at least 5 million cycles, while the IP40 version, up to 10 million.

ROBUSTNESS



Strong, durable housing

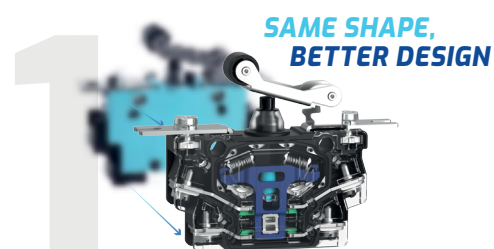
Made of polycarbonate glass fiber reinforced, it has the strongest and most durable housing available on the market today.



Better insulation + Shock & vibration resistance

The PBX Railway is designed to insulate the electrical contact from the external troubles (shocks & vibrations).

SMART USE



Completely interchangeable

Easily switch from the existing PBX version or from a competitor's similar product to this new PBX Railway.



Easier integration

Thanks to the highest positive overtravel on the market (2,05 mm vs 0.15 mm with competitors), the PBX Railway eases its integration on our customer's designs and applications by reducing the adjustment process.