



PBX RAILWAY

A robust and reliable **positive break microswitch** for low & medium power ranges and the harshest environments



FOR SEVERE
CONDITIONS



DURABLE



CERTIFIED

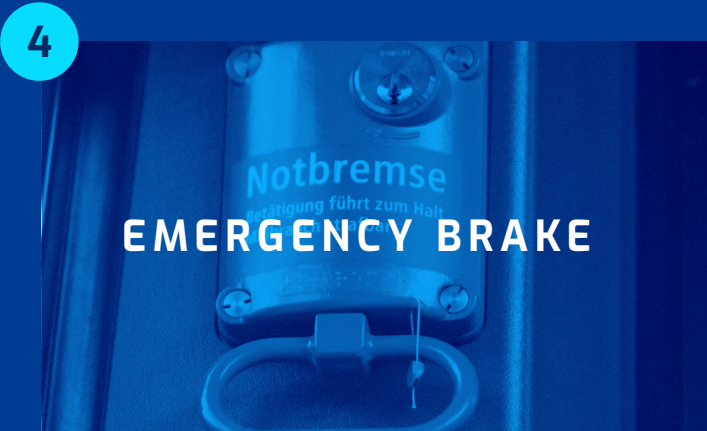
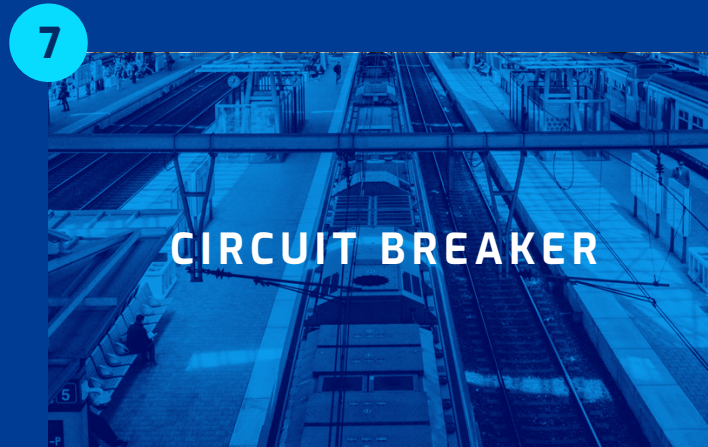
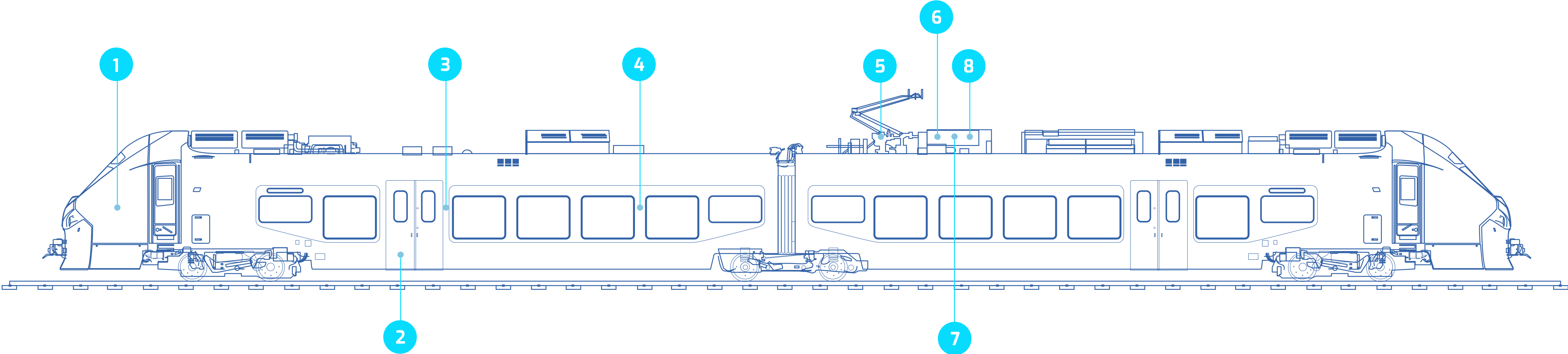


RELIABLE

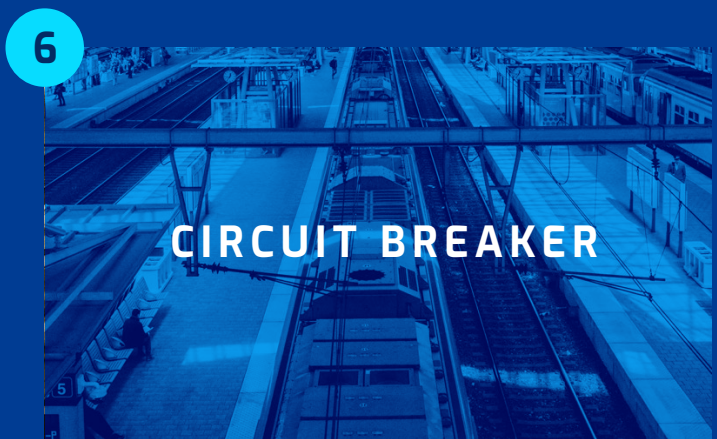
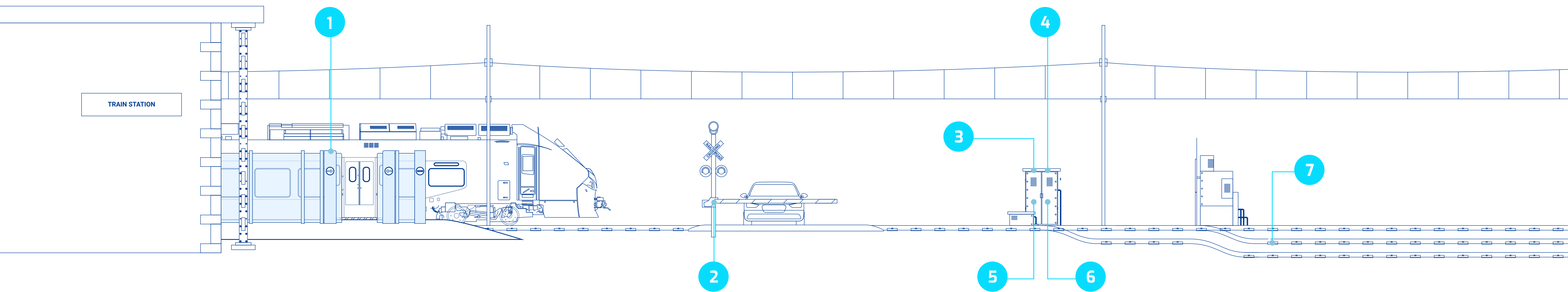


HIGH-
RESISTANCE

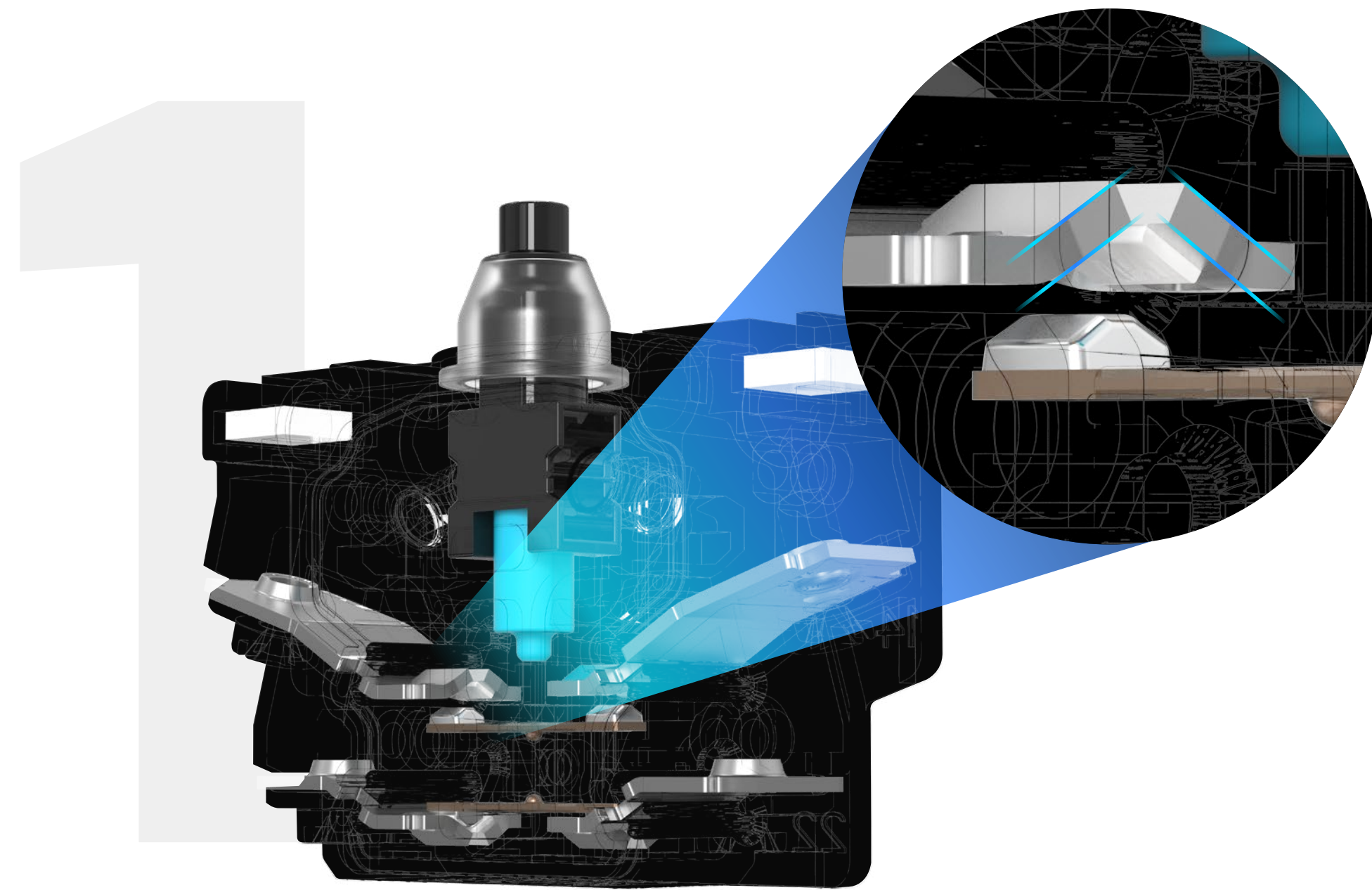
APPLICATIONS FOR ROLLING STOCK



APPLICATIONS IN INFRASTRUCTURE

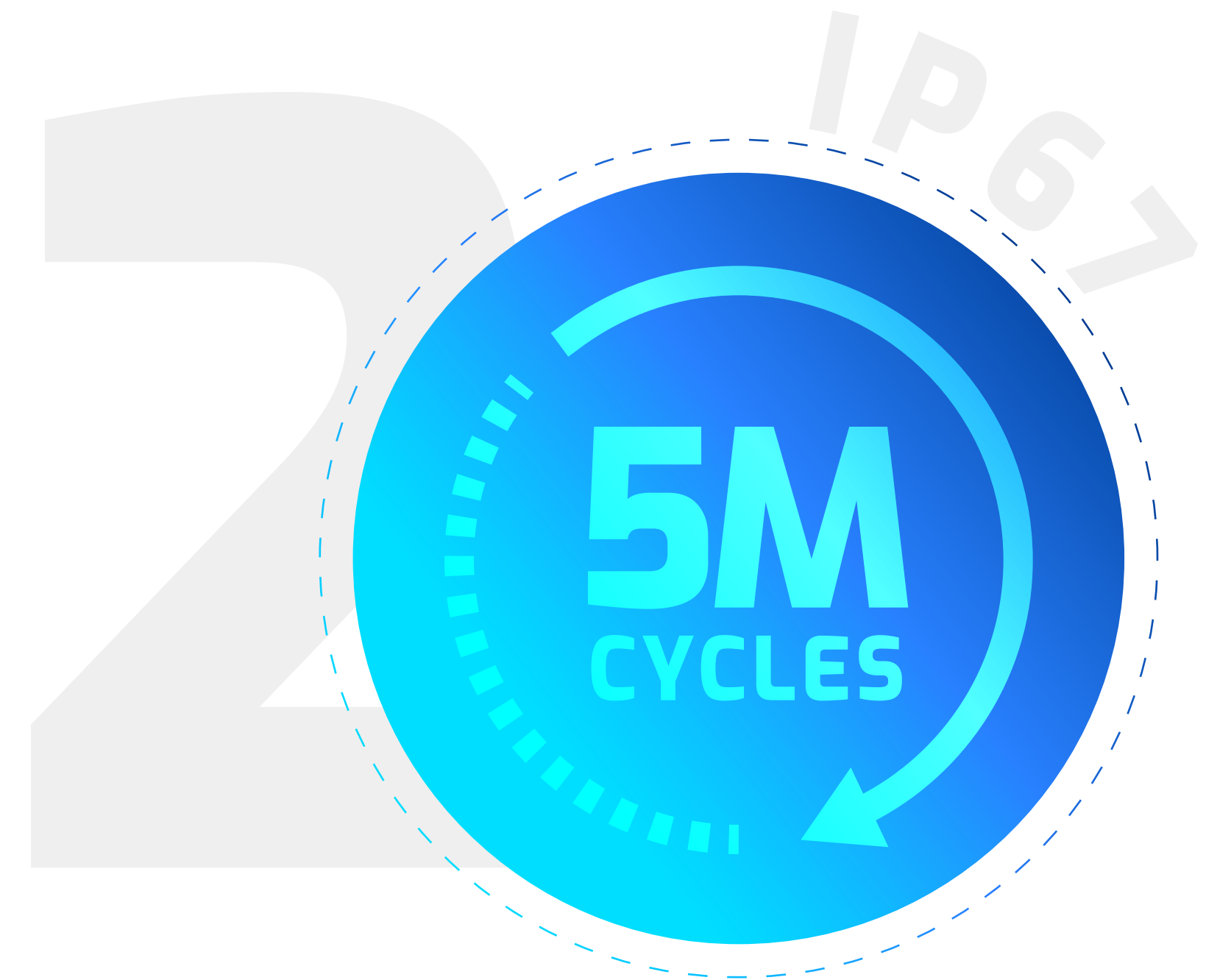


PBX RAILWAY = **RELIABILITY**



Self-cleaning contacts

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



Long-lasting durability

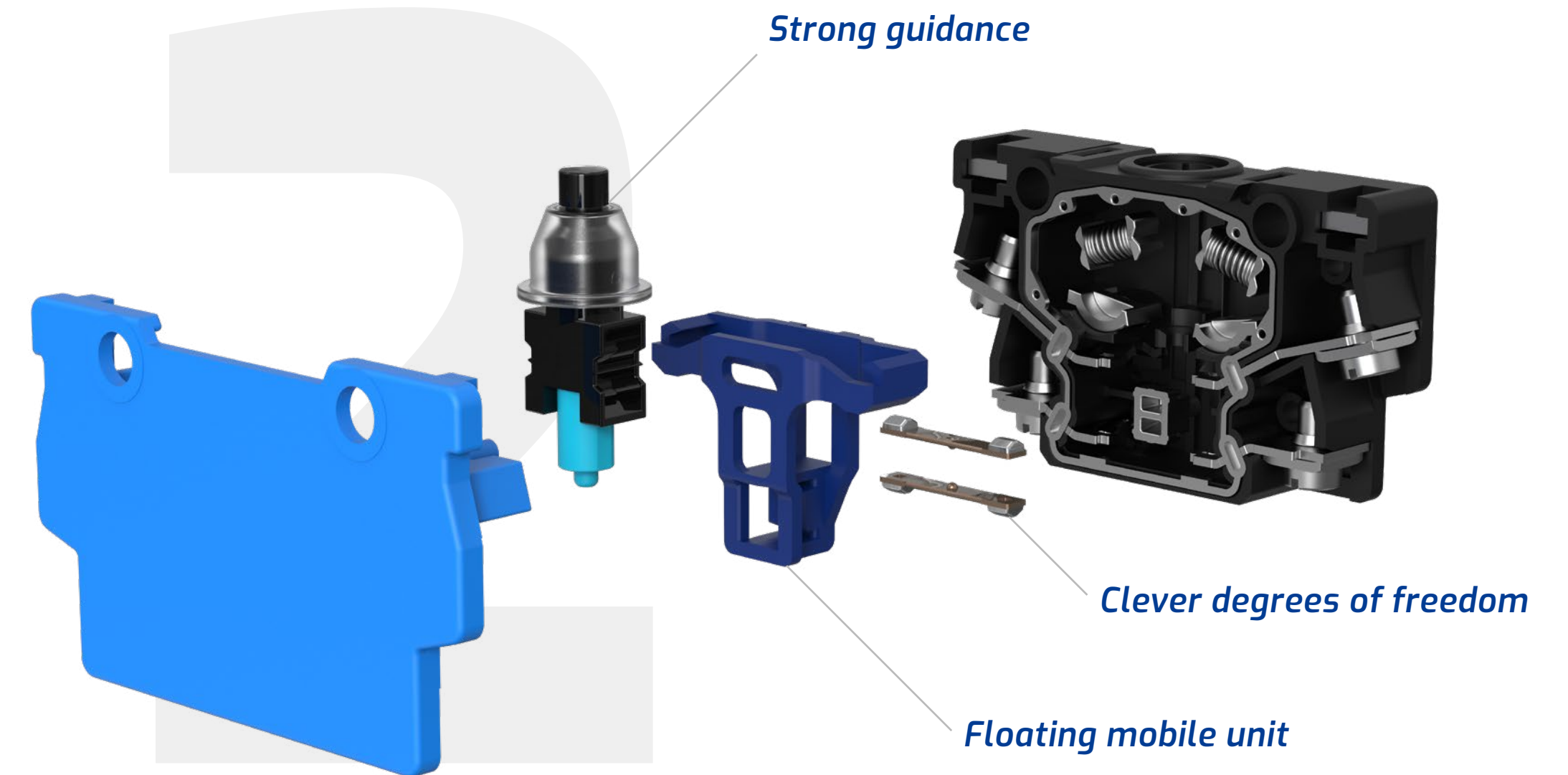
The sealed **IP67 version** is qualified to last at least **5 million cycles**, while the **IP40 version**, up to **10 million**.

PBX RAILWAY = **ROBUSTNESS**



Strong, durable housing

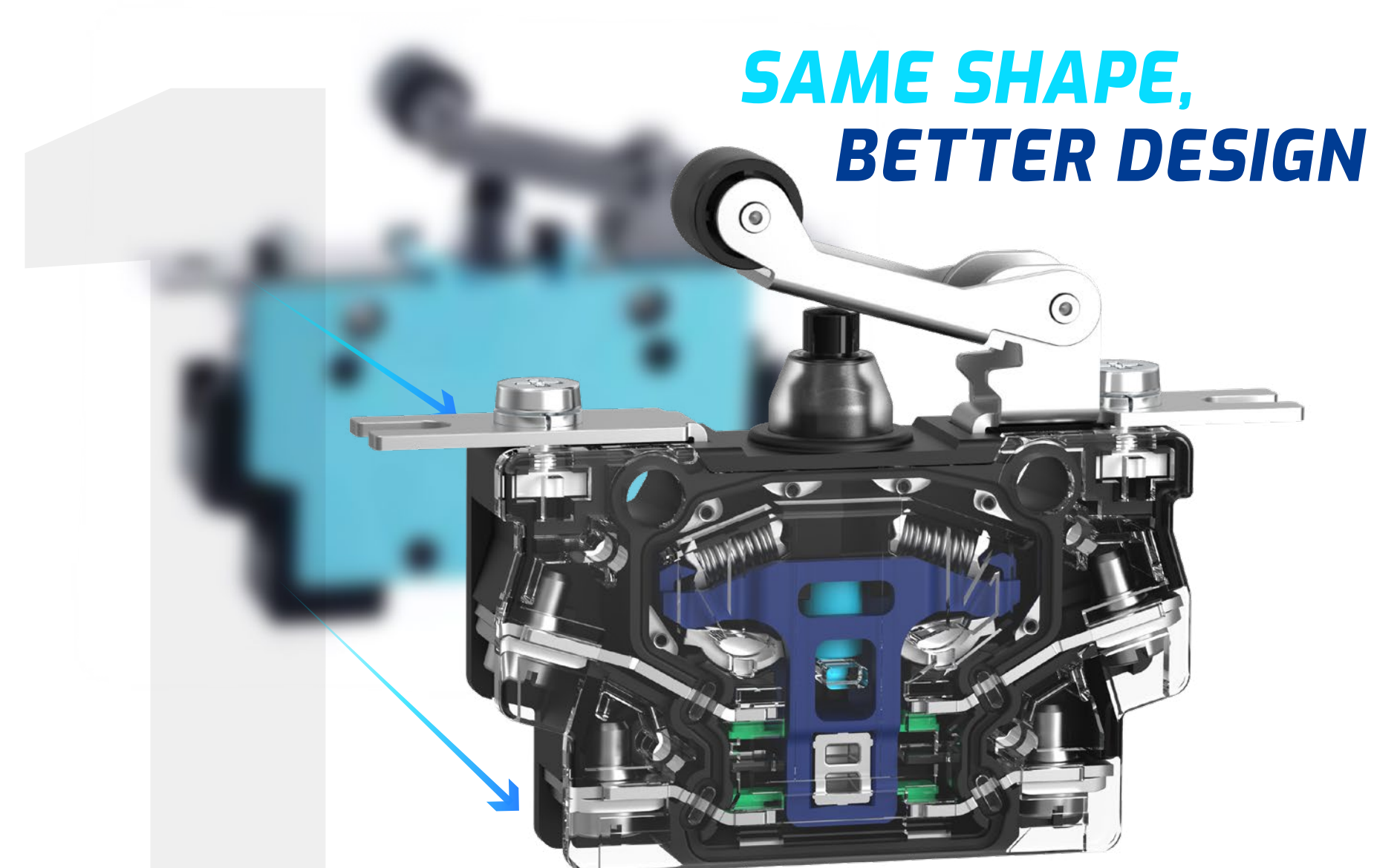
Made of polycarbonate glass fiber reinforced, it has the strongest and most durable housing available on the market today.



Better insulation + Shock & vibration resistance

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

PBX RAILWAY = SMART USE



Completely interchangeable

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



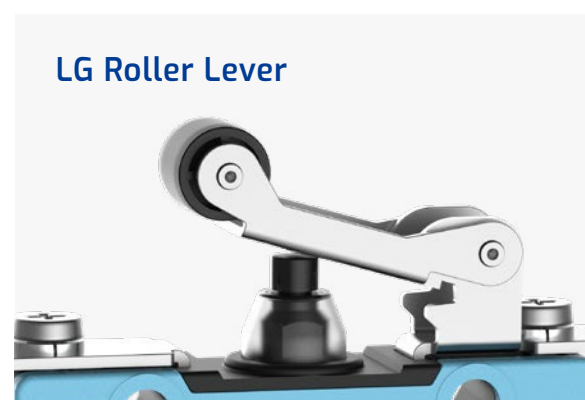
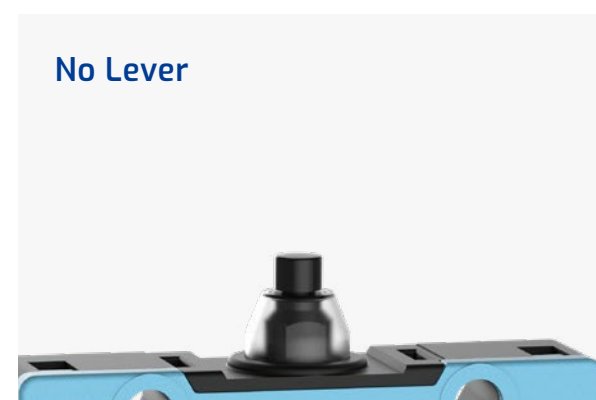
Easier integration

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.

1 SINGLE PRODUCT = 240 POSSIBLE CONFIGURATIONS



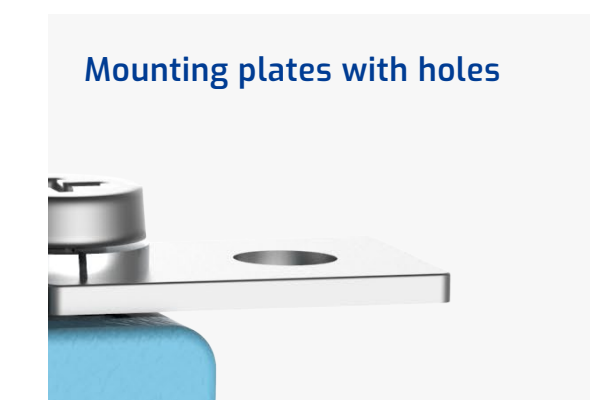
1 ACTIVATING LEVERS



2 IP PROTECTION RATING



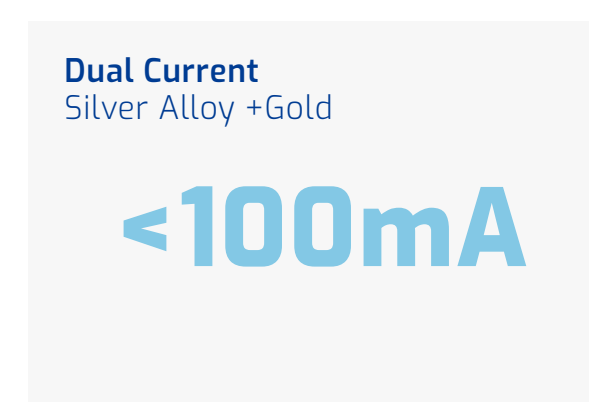
3 MOUNTING ACCESSORIES



4 SWITCHING FORCE



5 OUTPUT CURRENT RATING

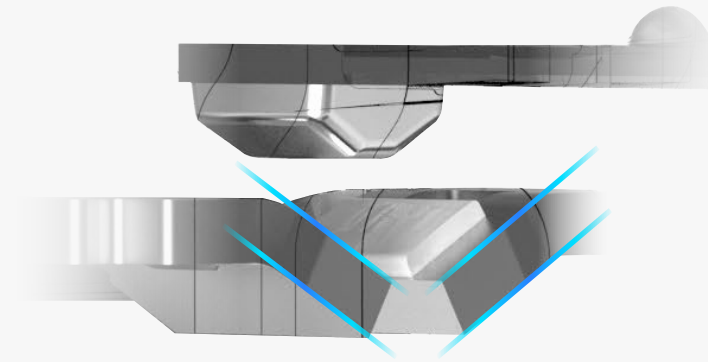


6 CONNECTION TERMINALS



**+ YOUR MOST SPECIFIC REQUESTS ON-DEMAND
VIA OUR DESIGN LAB**

IN A NUTSHELL



Double **wiping**
contacts

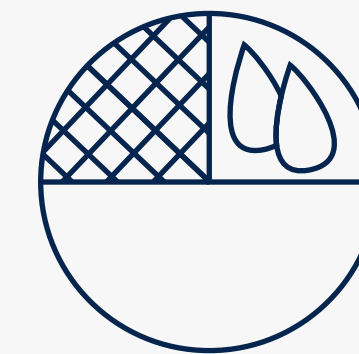
Very long overtravel

2,05 mm after the positive opening position



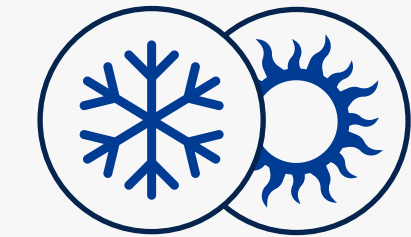
Ratings from
1mA 4Vdc
to
2A 250Vac

PBX RAILWAY



IP67
or
IP40

Protection of
mechanism



-50°
to
+85°

Operating
temperature

Very long mechanical life:



IP40



IP67



Railway standards
EN 45545-2 EL10
class approved





60+ YEARS' EXPERIENCE ON THE RAILWAY MARKET



Long-term partnerships with world's top market players

Sub-tier Manufacturers



Train Manufacturers



Rail Operators



Fully certified products Trusted by SNCF, China Railway and Deutsche Bahn



Switches & Sensors

Microswitches, Force sensors,
Limit switches and Pneumatic
sensors



Motion Control

Brush and brushless motors



Automation & Control

Timers, counters, automation
controllers and more.

For multiple applications on the Rolling Stock and Infrastructure

Rolling Stock

- › Internal & External Door & Access Ramp
- › Disconnecter & Contactor
- › Master Controller
- › Emergency Brake System
- › Rail coupler

Infrastructure

- › Control barrier
- › Switchpoint
- › Platform Screen Door
- › Disconnecter
- › Lever V

+ Railway Construction Machine

Thank You
FOR YOUR ATTENTION!

**MANUFACTURING
THE FUTURE
TOGETHER**

